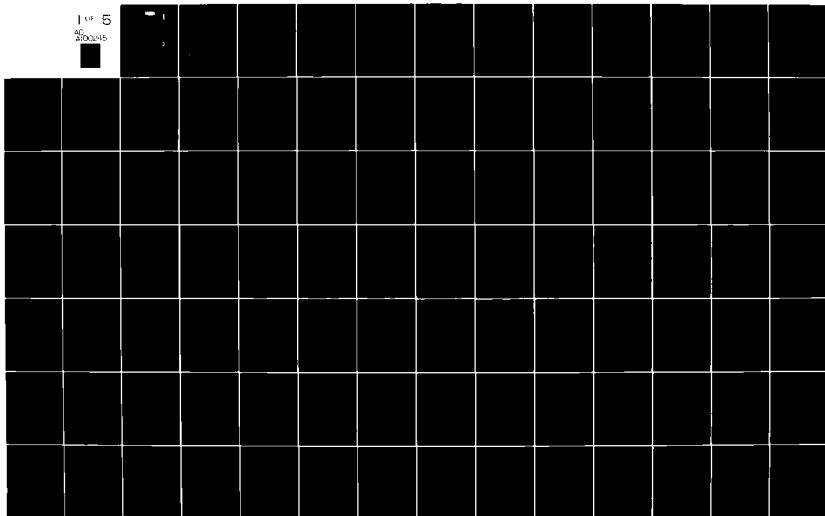


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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

RESOLUTE NWT DOT APT WBAN # 17901
N 74 43 W 094 59 ELEV 209 FT CYRB WMO # 72924

PARTS A, C-F

POR FROM HOURLY OBS; JAN 57-DEC 66

JAN 17 1972

Recd - 20 Jan 72

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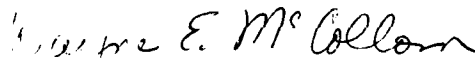
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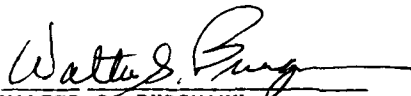
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1. REPORT NUMBER USAFETAC/DS- 81/040	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Resolute Apt, Northwest Territories, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts are missing from this document: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall, Snow Depth Part E- Daily Max, Min and Mean Temp/ Extreme Max and Min Temp		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Resolute Apt, Northwest Territories, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM
1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Northwest Territories, Canada
** Resolute, Canada
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

The Period of Record for Daily Observations is:
JAN 57- DEC 66

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DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS:

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
17901	RESOLUTE NWT DOT APT	N 74 43	W 094 59	209	CYRB	72924

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Resolute NWT DOT APT	C	Jan 57	Apr 57	N 74 43	W 094 59	209	N/A	8
1	No Change	C	May 57	Dec 58	No Change	No Change	No Chge	N/A	24
1	No Change	C	Jan 59	Sep 62	No Change	No Change	No Chge	N/A	8
1	No Change	C	Oct 62	Dec 66	No Change	No Change	No Chge	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 57 to Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observation on Magnetic tape from DOT Canada.

DATA PROCESSING DIVISION
ETAC/USAF
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ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Fain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE APT DIT APT

57-66

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL				46.6		46.6	14.4		21.2		34.1	4955
FEB					42.7		42.7	19.3	.1	17.5		34.5	4511
MAR					42.5		42.5	20.9	.1	14.7		33.3	4960
APR					36.0		36.0	19.0		9.9		27.2	4800
MAY			.2	.2	30.5		30.8	9.6	.0	5.4		14.3	5452
JUN			3.7	.8	17.9		22.1	11.5		.7		12.2	5279
JUL			12.6	.1	5.5		17.9	19.3				19.3	5456
AUG			15.7	.8	5.5		21.7	20.7				20.7	5455
SEP			3.6	2.2	29.4		34.9	11.9		1.5		13.2	5280
OCT				.8	39.8		40.5	8.3		13.0		21.1	5872
NOV					40.7		40.7	5.3	.0	11.8		16.9	5759
DEC					54.1		54.1	6.4		14.0		19.5	5951
TOTALS			3.0	.4	32.6		35.9	13.9	.0	9.1		22.2	63730

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NUT DUT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02				49.0		49.0	14.0		21.1		33.4	620
	03-05				49.8		49.8	13.9		21.5		34.0	620
	06-08				48.5		48.5	13.2		22.4		34.4	620
	09-11				43.5		43.5	12.7		22.3		34.0	620
	12-14				41.1		41.1	17.0		19.6		34.8	618
	15-17				43.8		43.8	15.2		21.4		34.2	617
	18-20				49.2		49.2	13.5		21.1		33.5	620
	21-23				48.2		48.2	15.6		20.2		34.2	620
TOTALS					46.6		46.6	14.4		21.2		34.1	4955

2

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 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NAT DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02				49.1		49.1	16.0		19.3		31.6	564
	03-05				49.1		49.1	14.2	.5	19.0		31.6	564
	06-08				47.0		47.0	13.8	.2	18.1		30.1	564
	09-11				41.7		41.7	22.0	.4	15.4		36.2	564
	12-14				35.6		35.6	24.3		14.2		37.2	564
	15-17				36.7		36.7	26.6		15.6		39.0	564
	18-20				40.1		40.1	22.2		17.4		35.3	564
	21-23				42.3		42.3	18.7		21.0		35.2	563
TOTALS					42.7		42.7	19.8	.1	17.7		34.5	4511

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE NWT DDT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02				46.9		46.9	12.7		15.3		25.5	620
	03-05				48.7		48.7	12.1		15.2		25.2	620
	06-08				43.5		43.5	20.6		16.0		34.7	620
	09-11				42.3		42.3	30.2	.2	15.8		42.4	620
	12-14				41.6		41.6	27.7	.2	12.3		38.4	620
	15-17				37.6		37.6	27.9	.2	13.4		39.5	620
	18-20				36.8		36.8	22.6		14.5		34.5	620
	21-23				42.3		42.3	13.2		14.8		26.0	620
TOTALS					42.5		42.5	20.9	.1	14.7		33.3	4960

2

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USAF ETAL
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE WWT DDT APT

57-66

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02				39.8		39.8	16.0		9.7		24.2	600
	03-05				38.3		38.3	19.8		10.5		28.7	600
	06-08				35.3		35.3	18.5		11.5		28.7	600
	09-11				34.3		34.3	22.0		11.2		30.7	600
	12-14				35.7		35.7	22.0		10.2		30.3	600
	15-17				34.3		34.3	20.3		9.0		28.2	600
	18-20				34.7		34.7	17.8		8.0		24.5	600
	21-23				35.8		35.8	15.5		9.2		22.5	600
TOTALS					36.0		36.0	19.0		9.9		27.2	4800

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AL

WEATHER CONDITIONS

17901 RESOLUTE WVT UNIT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		.4	.3	28.6		29.3	10.4		4.3		13.8	682
	03-05		.4	.3	30.6		31.4	13.3		4.5		16.6	682
	06-08		.4	.3	29.8		30.5	13.2		5.6		17.7	682
	09-11			.1	34.1		34.2	12.0	.1	6.6		17.9	681
	12-14				31.4		31.4	9.4		6.2		14.5	681
	15-17			.3	31.0		31.0	6.8		6.6		12.8	681
	18-20			.3	30.8		31.1	5.3		4.7		9.7	682
	21-23			.1	27.3		27.5	6.6		5.0		11.0	681
TOTALS			.2	.2	30.5		30.8	9.6	.0	5.4		14.3	5452

1
2DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

17901 RESOLUTE NWT UNIT APT

57-66

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		5.6	1.4	18.5		25.5	14.5		.4		15.3	660
	03-05		3.5	1.4	17.5		22.5	17.3		1.5		18.8	659
	06-08		3.0	.8	21.5		25.2	15.6		.4		16.4	660
	09-11		3.9	.5	19.4		23.6	11.7		.5		12.1	660
	12-14		3.5	.5	17.9		21.7	7.9		.4		8.3	660
	15-17		3.2	.2	13.8		17.1	7.0		.6		7.6	660
	18-20		2.9	.3	16.2		18.5	6.4		.5		6.8	660
	21-23		3.9	1.2	18.3		22.9	11.7		.5		12.1	660
TOTALS			3.7	.8	17.9		22.1	11.5		.7		12.2	5279

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NWT DDT APT

57-66

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		13.6	.3	6.7		20.2	21.1				21.1	682
	03-05		13.3	.4	6.7		19.8	24.2				24.2	682
	06-08		10.7	.1	6.0		16.6	23.5				23.5	682
	09-11		14.1		5.4		19.1	19.4				19.4	682
	12-14		12.5		5.3		17.3	16.6				16.6	682
	15-17		12.8		4.7		17.0	14.7				14.7	682
	18-20		11.1		4.4		15.5	16.1				16.1	682
	21-23		12.8	.1	4.5		17.4	19.1				19.1	682
TOTALS			12.6	.1	5.5		17.9	19.3				19.3	5456

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NWT DUT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		14.8	1.5	5.3		21.1	24.6				24.6	682
	03-05		17.3	.9	5.7		24.0	23.0				23.0	682
	06-08		18.6	.7	6.0		25.1	23.6				23.6	682
	09-11		14.4	.3	6.8		21.1	19.6				19.6	682
	12-14		15.5	.4	5.7		21.6	19.5				19.5	682
	15-17		14.4	1.0	5.0		19.9	17.2				17.2	682
	18-20		14.4	.9	4.3		19.1	16.0				16.0	681
	21-23		16.3	.7	4.8		21.8	22.3				22.3	682
TOTALS			15.7	.8	5.5		21.7	20.7				20.7	5455

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE RMT DUT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		4.4	2.9	33.6		40.8	11.4		1.1		12.4	660
	03-05		3.3	2.4	32.3		35.0	10.6		1.7		12.3	660
	06-08		2.9	2.9	29.1		34.4	12.9		2.0		14.8	660
	09-11		2.9	2.3	30.2		35.2	11.5		1.4		12.9	660
	12-14		3.6	1.2	28.3		33.0	13.2		.9		13.6	660
	15-17		4.5	1.8	26.7		32.6	12.7		.8		13.5	660
	18-20		3.3	1.1	24.7		28.8	11.1		1.8		12.7	660
	21-23		3.9	2.9	30.0		36.2	11.7		2.0		13.6	660
TOTALS			3.6	2.2	29.4		34.9	11.9		1.5		13.2	5280

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE NWT DOT APT

57-66

LCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02			.3	46.5		46.7	4.9		13.5		18.3	734
	03-05			1.0	46.3		47.1	4.1		13.3		18.0	734
	06-08			1.4	38.1		39.4	6.5		13.4		19.9	734
	09-11			.8	34.3		34.7	11.0		13.5		24.4	734
	12-14			.4	36.5		36.9	13.6		10.8		24.3	734
	15-17			.4	35.0		35.4	12.8		10.1		22.2	734
	18-20			1.4	38.8		40.2	8.4		13.8		22.1	734
	21-23			.4	42.9		43.3	5.4		14.2		19.6	734
TOTALS				.8	39.8		40.3	8.3		13.0		21.1	5872

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE NAT DOT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02				42.6		42.6	3.9		12.9		16.8	720
	03-05				43.1		43.1	4.0		11.9		15.7	720
	06-08				43.6		43.8	4.5	.1	12.4		17.0	719
	09-11				37.1		37.1	5.8		9.9		15.4	720
	12-14				34.6		34.6	9.6		10.0		18.8	720
	15-17				39.7		39.7	7.4		11.9		18.9	720
	18-20				43.5		43.5	2.9	.1	12.5		15.6	720
	21-23				41.5		41.5	4.3		12.5		16.8	720
TOTALS					40.7		40.7	5.3	.0	11.8		16.9	5759

1
2DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE WNT DOT APT
STATION

57-66

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02				56.9		56.9	6.3		12.1		18.0	744
	03-05				53.9		53.9	5.4		14.7		19.8	744
	06-08				55.3		55.3	5.1		15.7		20.6	743
	09-11				55.1		55.1	4.4		15.2		19.1	744
	12-14				52.3		52.3	7.5		12.4		19.1	744
	15-17				52.7		52.7	7.3		13.3		19.3	744
	18-20				55.0		55.0	7.1		13.2		18.8	744
	21-23				51.6		51.6	7.9		15.2		21.4	744
TOTALS					54.1		54.1	6.4		14.0		19.3	5951

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- DATA NOT AVAILABLE
1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE BNT DBT APT 57-66
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 ALL
 MONTH
 ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	1.9	1.9	1.2	.9	.3	.1	.0	.0		4.1	13.0
NNE	.5	.3	.5	.8	.8	.8	.5	.2	.1	.1	.0	4.2	19.4
NE	.5	.5	1.0	1.5	1.3	1.3	.8	.3	.0	.0	.0	7.1	17.3
ENE	.2	.2	.4	.7	.6	.4	.1	.0	.0			2.7	15.1
E	.4	.3	.7	1.2	1.2	1.3	1.0	.7	.2	.1	.0	7.3	21.1
ESE	.0	.7	1.2	1.7	1.6	1.7	.8	.3	.1	.0	.0	8.5	17.1
SE	1.2	1.4	2.5	2.2	1.2	.9	.3	.1	.0	.0	.0	9.8	12.1
SSE	.4	.5	.9	.7	.3	.2	.0	.0	.0			3.2	10.7
S	.5	.4	.6	.7	.4	.2	.1	.0	.0	.0		2.9	11.2
SSW	.1	.1	.3	.3	.2	.1	.0	.0	.0			1.2	12.3
SW	.3	.3	.4	.3	.1	.1	.0	.0				1.5	9.1
WSW	.3	.3	.5	.3	.1	.0						1.5	9.0
W	1.1	1.0	1.3	.7	.2	.0						4.3	7.4
WNW	1.0	1.2	1.6	.9	.3	.1	.0	.0				5.1	8.0
NW	2.3	2.3	3.4	2.4	1.2	.4	.1	.0	.0			12.6	9.5
NNW	1.2	1.4	2.2	2.2	1.3	.8	.2	.0	.0			9.3	11.5
VARBL													
CALM												10.7	
	11.4	11.9	19.4	19.1	11.0	4.1	4.3	1.8	.5	.1	.0	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

63734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WMT UNIT APT 57-66 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1LL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.2	1.0	.7	.6	.7	.3	.0			6.4	14.4
NNE	.6	.1	.1	.4	.4	.3	.3	.6	.7	.5	.1	4.2	30.9
NE	.4	.4	.8	1.2	.4	1.2	1.0	1.2	.2			7.9	22.1
ENE	.6	.2	.3	.6	.0	.3	.1	.1	.0			2.7	17.0
E	.5	.2	.7	1.1	.9	1.3	.8	.5	.2			6.2	19.5
ESE	.3	.3	1.3	2.0	1.2	1.2	.7	.3	.1	.1		7.6	17.3
SE	.3	.9	1.5	1.5	1.0	1.1	.6	.3	.1		.0	8.0	15.3
SSE	.6	.6	.4	.4	.3	.3	.2					1.9	14.6
S	.6	.2	.5	.6	.4	.1	.1					2.1	12.0
SSW	.0	.1	.2	.3	.1	.1	.0					.7	12.9
SW	.2	.6	.3	.3	.1							1.3	8.4
WSW	.6	.1	.2	.1		.0						.6	7.7
W	.2	.7	1.2	.4	.4	.0						3.0	7.7
WNW	.7	.9	1.4	1.2	.4	.1	.0	.0				4.5	9.0
NW	2.1	6.4	4.2	4.1	1.6	.3	.6	.0	.0			16.0	11.1
NNW	1.1	1.2	2.2	2.2	1.7	1.5	.6	.1				10.7	13.8
VARBL													
CALM												16.2	
	6.2	4.3	16.6	17.4	10.4	4.4	6.3	3.5	1.4	.6	.1	100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 4955

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE BKT DUT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	1.0	1.0	1.1	1.3	.5	.3	.0			6.3	16.3
NNE	.6	.2	.2	.5	.4	.3	.9	.4	.3	.2	.0	3.8	24.8
NE	.5	.6	.9	1.0	.8	1.6	2.6	.9	.2	.0	.0	9.1	22.0
ENE	.1	.2	.4	.6	.5	.5	.2	.1	.0			2.5	16.8
E	.2	.6	.8	.9	.8	.8	1.0	.7	.2			6.2	19.3
ESE	1.0	1.0	1.7	1.7	1.1	1.6	1.1	.6	.3	.1	.0	10.2	17.5
SE	.4	1.4	2.3	2.0	.8	.8	.6	.2	.1	.0		9.0	13.2
SSE	.3	.2	.6	.7	.3	.2						2.2	11.7
S	.2	.4	.5	.9	.4	.2	.1	.0				2.7	12.1
SSW	.1	.0	.3	.2	.1	.1						.9	11.7
SW	.2	.4	.4	.1								1.2	6.3
WSW	.2	.2	.6	.2								1.1	7.8
W	.2	.7	.7	.4	.2							2.4	7.5
WNW	.4	1.2	1.6	.8	.1	.0	.0					4.7	7.5
NW	1.6	2.3	3.4	4.3	1.3	.8	.3					13.9	11.0
NNW	1.1	1.3	1.6	2.3	1.4	1.3	.4	.2				10.2	13.6
VARBL													
CALM												13.5	
	9.4	11.2	16.9	17.4	9.0	10.0	7.5	3.3	1.0	.4	.1	100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

4511

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17951 STATION RESOLUTE NPT OUT APT 57-66 YEARS MONTH ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.0	1.0	.7	.0	.4	.2	.0				4.6	11.3
NNE	.6	.2	.2	.3	.3	.3	.3	.0	.0			2.0	17.9
NE	.4	.4	.5	1.1	1.6	1.2	.4					5.3	16.4
ENE	.2	.2	.2	.0	.0	.7	.1					2.8	16.5
E	.4	.3	.5	.7	.8	1.6	1.1	1.3	.3	.1		7.1	23.9
ESE	.7	.8	1.1	1.7	1.3	1.8	1.8	.9	.1	.0		10.3	19.4
SE	1.1	1.0	2.5	2.4	1.3	1.1	.8	.4	.0			12.2	13.4
SSE	.0	.3	.7	.7	.3	.2						2.7	11.6
S	.4	.0	.5	.4	.4	.4	.1					2.9	11.9
SSW	.1	.2	.2	.3	.1	.1	.1	.0				1.3	13.7
SW	.2	.1	.3	.3	.1	.1						1.0	10.3
WSW	.1	.1	.4	.1	.0							.7	7.8
W	.3	.9	.8	.4	.1							3.1	6.3
WNW	.9	1.4	1.2	.5	.3	.0						4.3	7.6
NW	3.0	3.1	4.1	2.3	1.3	.5						14.6	8.7
NNW	1.0	1.3	2.3	1.3	1.2	.6	.1	.0				8.8	10.4
VARBL													
CALM												15.9	
	12.6	12.3	16.6	15.0	10.4	4.2	3.1	2.7	.4	.1		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 4960

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NPT DDT APT

57-66

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	1.1	1.0	.9	1.0	.2					5.5	13.7
NNE	.2	.2	.3	.8	1.0	.7	.3	.1				3.7	17.4
NE	.6	.3	.9	1.5	1.5	1.7	.5	.0				7.0	16.6
ENE	.1	.2	.3	.6	.5	.2						2.0	13.6
E	.4	.2	.6	1.0	1.1	1.3	2.1	.9	.2	.1	.1	8.1	23.7
ESE	.8	.7	1.9	2.2	2.2	2.5	1.4	.3	.1	.0		12.1	17.6
SE	1.2	1.4	3.1	3.3	1.3	1.0	.0	.0				11.4	11.5
SSE	.4	.3	.7	1.4	.7	.5	.0					4.1	13.1
S	.3	.2	.6	.9	.9	.2	.0					3.1	13.1
SSW	.1	.1	.1	.3	.1							.7	10.5
SW	.1	.3	.6	.2	.0	.0	.0					1.3	8.8
WSW	.2	.2	.6	.4	.2	.0						1.6	10.3
W	1.0	1.0	.9	.4	.1							3.4	6.8
WNW	1.3	1.7	2.3	1.0	.1	.0						6.4	7.3
NW	2.2	2.6	3.6	1.9	.7	.2						11.2	8.2
NNW	1.1	1.4	1.6	1.0	.6	.4						6.1	9.2
VARBL													
CALM												12.4	
	10.6	11.0	19.1	18.0	11.8	10.0	4.7	1.3	.3	.1	.1	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

4800

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901 RESOLUTE INWT DOT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.5	2.0	1.0	1.4	.2	.0				8.5	13.9
NNE	.4	.4	.6	.9	1.0	1.4	.9	.2				5.6	19.1
NE	.5	.7	1.1	1.4	1.4	1.1	.5	.1				6.8	15.4
ENE	.3	.3	.5	.6	.4	.1	.1					2.2	11.9
E	.5	.3	.9	1.2	1.3	.6	.5	.3	.1	.0		5.7	17.1
ESE	.4	.7	1.1	2.1	1.7	1.9	1.0	.3	.1			9.3	17.8
SE	2.0	1.6	3.2	2.2	.6	1.2	.5	.2	.0			11.7	11.6
SSE	.7	1.0	1.1	.9	.3	.3	.0					4.0	9.2
S	.6	.2	.7	.5	.6	.3	.1					3.3	11.9
SSW	.2	.2	.6	.6	.2	.2	.0					2.0	12.3
SW	.4	.2	.4	.2	.1							1.2	9.2
WSW	.4	.3	.4	.1	.1							1.3	6.7
W	1.1	.7	1.0	.1	.1	.1						3.1	6.6
WNW	1.9	1.9	1.7	.9	.2	.0						6.4	6.9
NW	2.6	2.6	3.9	1.7	.4	.2	.0					11.6	7.6
NNW	1.4	1.4	2.2	1.7	.7	.4						7.8	9.6
VARBL													
CALM												9.4	
	14.2	13.8	21.0	16.9	10.4	4.3	3.8	1.1	.2	.0		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

5454

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	2.2	2.2	1.5	1.4	.3	.0				8.4	14.7
NNE	.2	.1	.7	1.0	.7	.8	.3	.0				3.7	16.6
NE	.2	.4	.9	1.4	1.3	1.1	.4	.1				5.9	16.7
ENE	.0	.1	.4	.8	.6	.4	.1	.0				2.5	16.2
E	.1	.2	.5	1.3	1.5	2.2	1.0	.1				7.1	19.9
ESE	.2	.3	.3	1.2	1.8	2.4	.7	.1	.0			7.1	19.8
SE	.4	1.3	2.3	3.2	1.8	1.4	.3	.1				11.3	13.4
SSE	.2	.6	1.1	.9	.4	.2	.0	.0				3.8	10.7
S	.5	.4	.9	.5	.4	.1	.0					2.7	9.8
SSW	.1	.0	.1	.5	.3	.0	.0					1.1	14.3
SW	.2	.1	.4	.6	.2	.1						1.6	11.9
WSW	.4	.3	.5	.4	.1							1.7	7.9
W	1.2	1.2	1.5	1.1	.2							5.2	7.7
WNW	1.1	1.3	1.9	1.8	.9	.3						7.3	9.9
NW	2.2	2.0	4.0	4.0	1.4	.6	.0					14.2	10.2
NNW	.5	1.0	3.0	4.0	1.9	1.1	.2	.0				11.8	13.1
VARBL													
CALM												4.4	
	8.2	9.9	20.9	25.0	13.0	14.2	3.5	.6	.0			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 5260

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE INWT OUT APT

57-66

JUL

ALL WEATHER

ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.5	1.7	2.4	1.2	1.0	.2	.0				7.4	14.6
NNE	.0	.1	.6	1.2	1.1	.7	.2	.2	.0			4.2	17.8
NE	.2	.2	.8	1.4	1.4	.8	.2					4.9	15.8
ENE	.0	.1	.3	.3	.3	.2	.1	.0				1.4	16.7
E	.2	.1	.4	1.5	1.0	1.3	1.1	.7	.2			6.6	22.1
ESE	.2	.3	1.0	1.4	1.9	1.3	.2	.1				6.5	16.1
SE	1.4	2.5	4.7	3.2	1.7	.4	.0					13.9	10.2
SSE	.4	1.3	1.9	1.0	.2	.0						5.6	7.9
S	1.2	.7	.8	.6	.0	.0						3.3	6.7
SSW	.1	.1	.3	.1	.0							.8	7.6
SW	.4	.2	.5	.2								1.4	7.0
WSW	.2	.6	1.2	.8	.2							3.2	9.0
W	2.2	3.0	3.6	2.1	.2	.0						11.5	7.4
WNW	1.7	2.0	2.5	.8	.2	.0						7.3	7.0
NW	2.2	1.4	1.4	2.0	.8	.2						7.9	8.7
NNW	.4	.4	1.1	2.8	1.2	.6						6.9	13.7
VARBL													
CALM												7.1	
	12.3	13.7	22.9	21.9	12.1	9.6	2.2	1.0	.3			100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

5456

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE HWY DUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	1.6	2.8	1.6	.4	.1					7.7	12.9
NNE	.1	.2	.5	1.4	.7	.6	.2					3.7	15.4
NE	.4	.3	.5	1.1	.8	.5	.3	.0				3.9	15.6
ENE	.1	.1	.4	.5	.6	.6	.2	.1				2.7	17.7
E	.2	.4	.9	2.1	2.1	3.4	2.4	1.7	.5	.0		13.8	23.1
ESE	.4	.6	1.8	2.1	2.0	2.3	.9	.1				10.2	16.7
SE	1.8	2.4	3.6	2.4	.9	.2	.0					11.3	8.9
SSE	.7	1.1	1.4	.8	.3	.1						4.4	8.4
S	.4	.4	.5	.2	.1	.1						2.1	7.1
SSW	.2	.0	.1	.1	.1	.1						.6	11.0
SW	.3	.2	.3	.1		.0						.9	6.2
WSW	.5	.4	.5	.2		.0						1.6	6.9
W	1.9	1.5	1.9	1.0	.3	.0						6.7	7.1
WNW	1.5	1.5	2.7	1.2	.4							7.2	7.8
NW	2.8	1.6	2.0	1.8	.4	.1						8.2	7.8
NNW	.6	.6	1.5	1.6	1.4	.5	.1					6.4	12.5
VARBL													
CALM												8.6	
	12.0	12.5	20.2	19.4	11.6	9.1	4.2	2.0	.5	.0		100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

5456

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WVT OOT APT
STATION

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOUSE (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	4.1	3.8	1.7	1.5	.4	.1				14.6	12.2
NNE	.2	.4	1.9	1.9	1.6	1.2	.6					8.5	14.5
NE	.7	1.0	2.7	3.1	1.8	1.6	.4	.1				11.4	14.0
ENE	.1	.4	.7	1.0	.6	.2	.1					3.0	12.9
E	.4	.3	.9	1.2	1.1	.7	.1	.1	.1	.0	.0	5.1	15.9
ESE	.3	.3	.7	1.1	.8	.4	.1					3.6	13.9
SE	.3	.3	1.6	1.4	.6	.4	.1					5.1	11.7
SSE	.3	.4	.9	.7	.3	.2	.1					2.8	11.3
S	.2	.4	.6	.9	.6	.1						2.9	11.6
SSW	.2	.3	.5	.5	.3	.1						1.9	11.1
SW	.6	.3	.6	.6	.4	.0						2.4	8.4
WSW	.4	.3	.5	.5	.3	.2						2.1	10.6
W	1.0	.9	1.1	.6	.1	.0						3.6	7.0
WNW	.6	.6	.8	1.0	.5	.1						3.6	10.1
NW	1.6	1.2	3.1	4.0	2.4	.5	.0					12.5	11.7
NNW	.8	1.4	3.0	3.5	2.1	.7	.1	.0				11.5	12.0
VARBL													
CALM												5.4	
	8.4	11.4	23.6	25.6	12.0	7.7	1.9	.3	.1	.0	.0	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 3280

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE HWT DUT APT
STATION

57-66

OCT

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.1	3.7	2.4	1.2	1.0	.5	.3	.0	.0		13.2	11.5
NNE	.6	.4	.5	.7	.0	1.0	.6	.1				4.6	16.8
NE	.6	.7	.9	1.9	1.1	1.7	1.2	.4				8.4	17.6
ENE	.4	.3	.4	.6	1.0	.5	.1	.0				3.2	14.5
E	.5	.4	.4	.9	.8	.6	.6	.5	.2			4.9	19.0
ESE	.6	.8	.7	1.4	1.1	1.2	.5	.2	.0			6.6	16.0
SE	.7	.8	1.4	1.7	1.2	1.2	.6	.3	.0			7.7	15.3
SSE	.2	.3	.8	.5	.3	.3	.1	.1	.1			2.6	14.4
S	.4	.2	.5	.6	.3	.2	.1					2.3	11.7
SSW	.2	.2	.3	.6	.3	.2	.1					1.9	13.7
SW	.4	.5	.7	.8	.3	.2	.1					3.0	11.2
WSW	.2	.2	.2	.7	.4	.1						1.9	12.4
W	.7	.6	1.0	.8	.3	.1						3.5	9.0
WNW	.5	.5	.8	.6	.4	.1						3.0	9.8
NW	2.1	1.9	3.9	3.3	1.8	.6						13.6	10.3
NNW	2.5	2.4	3.2	2.6	1.2	.6	.0					12.5	9.5
VARBL													
CALM												7.3	
	12.5	12.3	19.3	20.0	12.2	9.7	4.4	1.8	.3	.0		100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

5872

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	1.8	1.7	.7	.5	.1					7.4	10.0
NNE	.5	.3	.4	.5	.6	.5	.3	.2				3.3	16.0
NE	1.1	.7	.8	1.5	1.9	1.5	1.2	.4	.1			9.1	17.3
ENE	.6	.3	.5	1.4	.9	.6	.2					4.4	14.1
E	.9	.5	.9	1.5	1.5	1.3	1.1	.9	.4	.3	.2	9.4	21.8
ESE	1.1	1.1	1.7	1.8	1.4	1.7	.9	.3	.1			10.1	15.5
SE	1.0	1.4	1.9	1.5	1.1	.5	.2	.0	.0			7.5	11.5
SSE	.2	.1	.5	.4	.2	.0						1.5	10.3
S	.4	.6	1.1	.9	.5	.1	.1	.0		.0		3.6	11.1
SSW	.2	.1	.2	.2	.3	.1			.0			1.1	12.4
SW	.3	.2	.3	.1	.1	.0						.9	8.2
WSW	.2	.3	.3	.2	.0							1.0	7.3
W	.6	.5	.6	.3	.0							1.9	6.6
WNW	.6	.7	.7	.3	.1							2.5	6.8
NW	2.6	3.4	3.8	2.2	1.0	.2	.0	.0				13.1	8.3
NNW	1.8	1.8	2.3	1.4	.5	.1	.0					8.3	8.7
VARBL													
CALM												15.0	
	13.4	13.0	17.6	15.8	10.7	7.4	4.2	1.9	.6	.4	.2	100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

5759

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901
STATIONRESOLUTE NAT OUT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.8	1.5	1.1	.9	.9	.4	.1				6.4	13.5
NNE	.2	.2	.4	.6	.7	.7	.5	.2		.0		3.5	19.0
NE	.5	.2	.6	1.4	1.0	1.5	.8	.2	.1			6.2	18.5
ENE	.3	.2	.3	.7	.5	.4	.2					2.6	15.1
E	.6	.3	.9	.9	.9	.8	.9	.8	.5	.2	.0	6.8	21.7
ESE	.9	.7	1.4	1.7	2.1	1.5	.5	.3	.0	.0		9.2	15.8
SE	1.4	1.5	1.8	1.5	1.1	.9	.4	.2	.0			8.9	12.3
SSE	.6	.4	.9	.5	.2	.2	.1	.0	.0			2.9	11.1
S	.3	.3	.5	1.1	.8	.5	.1	.1	.0			3.5	14.5
SSW	.1	.2	.3	.2	.2	.2	.1					1.2	13.2
SW	.3	.2	.3	.2	.1	.1		.0				1.2	9.5
WSW	.3	.2	.2	.2	.2	.1						1.1	10.1
W	.7	.8	.9	.6	.2							3.2	7.7
WNW	.4	1.2	1.4	.6	.2	.0						4.3	7.3
NW	2.6	2.8	3.8	3.3	1.1	.4	.1	.1				14.1	9.2
NNW	1.7	1.5	2.6	2.2	.9	1.1	.4	.1	.0			10.5	11.7
VARBL												14.5	
CALM													
	12.4	11.3	17.7	16.6	11.1	7.3	4.4	2.1	.6	.2	.0	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

5951

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION NAME RESOLUTE INLET OUT APT 57-66 YEARS JAN MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	2.1	.6	.8	.3	.2	.2				6.3	11.1
NNE	.2			.5	.8	1.3	.3	1.0	.5	.5		5.0	29.2
NE	.3	.3	.8	1.0	.5	1.3	1.5	1.1				6.9	21.7
ENE	.2	.2	.3	.6	.8	.3	.3	.2				2.9	17.9
E	.6		.6	.8	.8	1.8	1.1	.3	.3			6.5	21.3
ESE	.6	.2	1.9	.6	.8	.6	1.0					5.8	15.0
SE	.6	1.3	2.6	2.1	1.8	1.3	.8	.3	.2			11.1	14.7
SSE	.2	.3	.3	.5	.2							1.5	9.4
S	.2	.6	.5	1.0								2.3	8.9
SSW				.3	.2							.5	15.3
SW	.2	.3	.3	.5	.2							1.6	9.6
WSW	.2											.2	3.0
W	1.0	.6	1.3	.2								3.1	6.2
WNW	.6	1.3	2.1	1.3	.3			.2				6.1	9.0
NW	1.3	3.1	5.6	3.2	1.8	.8	.3		.2			16.5	10.8
NNW	.6	.3	1.6	1.9	1.0	1.3	.3					7.9	14.7
VARBL													
CALM												15.8	
	7.6	11.0	20.2	13.2	10.3	4.2	3.8	3.2	1.1	.5		100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17901 RESOLUTE NWI DDT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.0	.8	1.3	.6	.2	.5		.2			6.8	11.1
NNE	.6			.4	.3		.5	.5	.6	.5	.2	3.5	31.5
NE	.5	.2	.6	1.1	.6	1.0	2.1	1.0	.3			7.4	22.9
ENE		.2	.3	.3	.6	.2	.2					1.8	16.1
E	.5		.8	.5	1.6	1.8	.8	1.0	.5			7.3	23.0
ESE	.5	.8	1.3	.8	.2	1.1	1.0	.3				6.0	16.6
SE	.6	1.1	2.6	1.8	1.5	1.1	.3	.6				9.7	14.7
SSE	.5	.2	.3	.6	.2							1.6	10.0
S	.2	.2	.5	.6	.3							1.8	11.5
SSW				.3	.2							.5	13.7
SW	.6	.3	.3	.3								1.6	5.9
WSW	.2	.2	.3	.2								.8	8.2
W	.5	.6	1.0	.8								2.9	7.6
WNW	.8	.3	1.6	.6								3.5	8.1
NW	3.7	2.1	5.0	4.7	1.5	1.3	1.1					19.2	11.3
NNW	1.0	.6	1.9	2.4	1.0	1.9	.3					9.4	13.6
VARBL													
CALM												16.3	
	10.8	6.7	17.4	17.4	8.4	6.5	6.8	3.4	1.6	.5	.2	100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OUT APT 57-66 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	1.0	.0	1.0	.2	1.0					4.5	15.2
NNE	.2	.2	.2	.2	.0	.5	1.1	.6	.8	.5	.2	4.8	31.9
NE	.0	.2	.5	1.5	.8	.8	1.6	.6	.6			7.6	21.3
ENE	.2	.2	.3	.3	1.0	.3						2.3	15.0
E	.2	.2	.8	1.5	.5	1.0	1.1	.8	.2			6.1	21.4
ESE	.2	.2	1.9	1.9	1.5	1.0	.4	.5				7.7	17.3
SE	.0	1.1	1.9	.2	1.1	1.3	.5	.3				7.6	14.3
SSE	.2	.2	.8	.2	.2	.3	.3					2.4	13.2
S	.2		.3	1.0	1.1							2.9	12.8
SSW				.2		.2						.3	17.5
SW	.2	.2	.2									.5	6.0
WSW	.2	.2		.3								.6	8.5
W	.2	.3	1.6	.6	.2							3.2	9.3
WNW	.2	.8	.6	1.0	.3							2.9	9.8
NW	1.3	2.2	4.2	3.7	1.0	1.3	.8					16.1	11.7
NNW	1.0	1.1	2.1	2.4	2.4	1.3	.2	.3				11.5	13.1
VARBL													
CALM												18.9	
	7.1	8.2	12.8	13.8	12.2	4.1	7.4	3.2	1.6	.2	.2	100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
ETAC/USA
AIR REATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901	RESOLUTE NAT OUT APT
STATION	STATION NAME

57-66

J A 2

ALL WEATHER
CLASS

C400-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.3	1.5	.4	.6	1.9	.6				7.7	18.3
NNE	.4	.2		.8	.2	.5	.3	.2	1.0			3.2	26.4
NE	.3		.5	2.3	1.0	1.3	2.6	.3	.6			8.9	22.9
ENE	.3	.3		.5	.3	.5	.3					2.3	16.0
E	.3	.3	.8	1.0	.8	1.0	.8	.5	.2			6.1	18.1
ESE	.4	.6	1.5	3.1	1.5	1.1	.2	.2	.3	.2		8.7	16.2
SE	1.5	1.0	.5	1.0	.8	1.9	.6					7.3	14.8
SSE	.4	.4	1.0	.5	.3	.3	.3					2.7	14.4
S	.4		.2	.3	1.0		.2					1.9	15.3
SSW		.4	.2									.3	6.0
SW	.4		.8	.3	.4							1.5	9.8
WSW			.5	.2								.6	9.5
W	.5	.6	1.5	.3								3.1	6.9
WNW	.5	1.1	1.3	1.5	.4	.2						4.7	9.4
NW	1.0	1.0	2.1	3.6	1.6	1.5	.5					13.9	13.1
NNW	.3	1.3	1.9	1.8	1.9	1.0	.8					9.0	14.0
VARBL													
CALM												18.1	
	7.3	8.2	12.9	20.6	10.5	9.8	8.5	1.8	2.1	.2		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 CTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESULTS NAT DUT APT 57-66 YEARS JAN MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.1	.6	.3	1.0	.6	.5				6.3	14.6
NNE		.2		.3	.2	.6	.3	.3	.3	.3		3.7	31.9
NE	.4	.8	1.3	.6	1.1	1.0	1.3	2.1				8.4	21.9
ENE	.3	.5	.8	.6	.3	.6						3.4	12.5
E	.6	.5	1.0	1.6	.5	1.0	.4		.2			4.0	14.6
ESE	.4	.8	1.6	2.4	1.0	2.3	.3	.3				9.5	16.4
SE	.0	.6	.6	1.3	.8	1.1	.3	.5				6.1	15.9
SSE		.3		.2	.6	.5	.6					2.3	20.1
S	.3	.2	.8		.4		.3					1.8	12.2
SSW		.2	.2	.3		.2	.2					1.1	14.9
SW	.0		.3									1.0	4.3
WSW	.3		.3	.3		.2						1.1	9.9
W	.2	.8	.8	.3								2.3	7.5
WNW	1.1	.8	2.4	1.0								5.3	7.5
NW	2.1	2.4	3.2	5.7	1.3	.6	.5					15.9	11.2
NNW	1.5	1.5	1.9	2.4	1.6	1.5	.8					11.7	13.5
VARBL													
CALM												14.6	
	9.5	10.7	16.5	18.6	8.7	10.5	5.8	3.9	.6	.3		100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

618

2

DATA PROCESSING DIVISION
 JTAC/USAF
 AIR WEATHER SERVICE/JAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

17901 RESOLUTE WYD DUT APT
STATION STATION NAME

57-66

YEARS

JAN

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.5	1.5	1.5	.0	1.0	.0					7.5	13.0
NNE	.0	.2	.2	.2	.0	1.0	.0	1.1	.3	.8		4.9	29.9
NE	.0	.0	1.0	.6	.0	1.0	.0	1.0				7.3	20.5
ENE	.0		.5	.8	1.0	1.0						3.6	16.2
E	.0		.2	.6	1.0	.6	1.0	.3				4.9	19.2
ESE	.0	.2	1.3	3.2	1.1	.8	1.3	.3	.3			9.6	18.2
SE	.0	.3	1.0	2.1	.3	.8	.0	.3	.0			6.8	16.7
SSE				.3	.3	.3						1.1	20.0
S		.2	.5	.6	.0							1.9	13.3
SSW			.5	.3	.2	.2						1.1	14.0
SW	.0	.3	.2	.5	.0							1.6	9.8
WSW	.0	.2	.3									.6	6.0
W	.0	.3	1.1	.3	.0							2.6	9.3
WNW	.0	.3	.6	1.3	.2	.2						3.4	10.2
NW	3.0	1.3	4.5	3.2	1.9	.3						14.9	9.3
NNW	1.0	1.5	2.3	1.6	1.9	4.8	1.5	.2				13.3	15.5
VARBL													
CALM												15.9	
	10.4	6.8	15.6	17.3	11.8	10.5	6.2	4.1	.0	.8		100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

617

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NAT UNIT APT
STATION

STATION NAME

57-66

YEARS

JAN

MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.1	1.0	.9	.8	.5	.5				5.2	17.1
NNE	.4	.3	.2		.5		.3	.5	1.0	.8	.3	4.0	35.0
NE	.3	.3	1.0	1.0	1.3	1.5	1.3	1.3	.2			8.1	21.9
ENE	.2		.3	.3	.8	.8	.2	.2	.3			3.1	21.8
E	.2	.3	.8	1.0	1.0	2.1	.5	.3				6.1	19.4
ESE	.6	.3	.5	2.7	.6	1.0	.8	.6		.3		7.7	19.6
SE	.2	.6	1.8	1.6	1.0	.5	.6	.2			.2	6.9	15.3
SSE	.3	.2	.2	.2	.2	.6						1.9	15.9
S	.4	.2	.8	.2	.2	.3						1.8	12.1
SSW		.3	.5	.3		.3						1.5	11.7
SW		.3	.2	.3	.4							1.0	11.2
WSW		.3										.3	5.5
W	.4	.6	1.1	.2	.3	.2						2.9	9.7
WNW	.0	1.1	1.5	1.1			.2					4.5	8.7
NW	2.1	1.8	6.0	3.3	1.0	.6	.3	.2				13.5	10.4
NNW	1.0	1.3	3.5	1.9	1.9	1.8	1.1					12.6	13.8
VARBL													
CALM												16.9	
	9.6	8.4	19.4	15.6	10.0	10.5	5.8	3.7	1.5	1.1	.5	100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DPT APT 37-66 JAN
STATION STATION NAME YEARS
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.6	1.8	.8	.6	.8	.5	.3	.2			6.5	14.9
NNE	.2	.2	.5	.6	.3	.2	.5	.8	1.1	.6	.2	5.2	31.1
NE	.3	.2	.6	1.5	1.1	1.5	1.6	1.3	.2			8.2	22.9
ENE		.2		1.1	.2	.3	.2	.5				2.4	20.7
E	.2	.2	1.0	1.8	1.1	1.1	.5	.5				6.3	18.4
ESE	.2	.5	.6	1.1	1.6	1.6	.3	.5				6.6	18.7
SE	1.1	.8	1.3	1.8	1.0	1.0	1.0	.5	.2			8.5	16.2
SSE		.2	.6	.5	.2	.3						1.8	13.1
S		.3	.8	.8		.2						2.1	10.8
SSW	.4	.2	.3	.5	.3							1.8	11.4
SW	.5	.2	.2	.2	.3							1.3	8.6
WSW	.3	.2	.2									.6	4.8
W	1.0	1.6	1.0	.3	.2							4.0	6.2
WNW	.6	1.5	1.1	1.6		.5						5.3	9.6
NW	1.6	4.0	3.1	3.4	2.4	.3	1.1					16.1	11.4
NNW	1.1	1.6	2.1	2.9	1.5	.5	.2	.2				10.0	11.6
VARBL													
CALM												13.2	
	8.2	12.3	15.3	18.9	11.1	8.2	5.8	4.5	1.6	.6	.2	100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NAT DUT APT 57-66 FEB
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0000-0200
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.2	.7	.9	.5	1.1	.5	.2				4.6	16.8
NNE	.6	.4		.5	.4	1.6	.9	.5				4.6	23.5
NE	.5	.5	.5	1.6	1.1	2.0	1.1	1.1	.2		.2	8.7	21.3
ENE	.2	.2	.7	.4	.7	.9	.2	.2				3.4	17.2
E	.2	.7	.9	1.2	1.2	.9	.9	1.2	.2			7.4	20.3
ESE	1.1	1.2	1.6	.7	1.6	1.2	1.6	.9	.2	.2	.2	10.3	18.8
SE	.5	.4	2.5	2.0	.7	.9	.5					8.0	13.1
SSE	.2	.4	.7	.5	.6	.2						2.1	10.9
S	.2	.2	.4	.9			.5					2.1	15.5
SSW			.7	.4	.4	.4						1.8	14.5
SW		1.2	.4	.2								1.8	6.1
WSW	.2	.2	.2	.2								.7	6.5
W	.4	.4	.7	.5								2.0	8.0
WNW	1.2	1.1	1.6	.2								4.1	6.2
NW	.4	2.0	3.0	5.0	2.1	1.2	.4					14.5	12.5
NNW	1.0	1.8	1.8	1.8	1.8	1.4	.7	.2				11.0	13.3
VARBL													
CALM												12.4	
	7.4	11.2	16.3	16.8	10.6	11.7	7.3	4.3	.7	.2	.4	100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

564

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2
(

DATA PROCESSING DIVISION
BTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DDT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.2	1.4	1.8	1.4	1.4	.2	.2				7.3	13.6
NNE	.2	.2	.4	.2	.2	.7	1.6	.2	.4	.2		4.1	25.3
NE	.2	.4	1.4	.7	.5	1.6	1.4	1.1	.5			8.7	21.0
ENE	.2	.2	.2	.7		.4	.4	.2				2.1	18.2
E	.7	.4	1.4	.4	1.4	.9	1.2	.4	.2			7.4	17.4
ESE	1.4	1.2	1.1	2.1	1.2	2.1	1.6	.5	.4	.2		11.7	18.0
SE	.4	1.8	.7	2.0	.7	1.2	.4					7.6	12.6
SSE	.2		.4	.2	.2	.4						1.6	11.0
S		.4	.2	.5	.2			.2				1.4	14.0
SSW	.2		.9	.7		.2						2.0	11.2
SW	.2	.4	.7	.4								1.6	8.6
WSW		.4	.7	.2								1.2	8.4
W	.4	.4	1.1	.9								3.2	8.1
WNW	1.2	1.1	1.1	.4			.2					3.9	7.1
NW	1.5	2.1	3.7	4.1	.4	.7						12.8	9.9
NNW	.9	1.2	1.4	2.6	2.5	1.4	.4					10.6	14.3
VARBL													
CALM												12.8	
	9.6	11.7	16.7	17.9	8.1	11.0	7.3	2.7	1.4	.4		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 564

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE RMT 001 APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.9	1.1	.7	1.6	.7					6.0	16.6
NNE	.4					.4	.9	.5	.2	.2		2.5	28.9
NE	.9	.4	.9	1.2	1.1	2.3	1.8	.2	.2			8.9	19.4
ENE	.4		.2	.5	1.1	.7		.4	.2			3.4	19.9
E	.9	.9	.7	.9	.9	.5	.4	.9				6.0	15.8
ESE	.7	.5	1.4	2.1	1.1	1.8	.9	1.1	.5	.4		10.5	20.5
SE	1.1	2.0	1.4	1.8	1.1	1.1	.4					8.7	12.0
SSE	.4		.4	1.2	.2							2.0	11.3
S	.9	.5	.7	.9	.2							3.2	8.7
SSW	.2		.4	.4								.9	9.4
SW	.5	.4	.2									1.1	4.5
WSW	.4	.4	.9									1.6	7.3
W	.5	.9	.7	.7	.2							3.0	7.9
WNW	.9	1.6	2.7	.9		.2						6.2	7.8
NW	1.8	2.0	2.5	4.1	1.2	1.2	.7					13.5	12.3
NNW	.5	1.4	1.8	2.5	2.0	1.1	.4	.2				9.8	13.9
VARBL													
CALM												12.9	
	10.2	11.2	13.6	18.2	9.0	10.8	6.0	3.2	1.1	.5		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 564

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WMT DDT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.4	.9	.2	1.4	1.8	.4	.4				6.4	16.8
NNE	.2	.5	.2	.4	.4	.5	.5	.4	.4	.2		3.5	22.8
NE	1.1		1.1	.9	.9	1.2	3.5	.7	.2			9.6	21.7
ENE		.7	.2	1.1	.4	.5	.2					3.0	15.1
E	.4	.2	.2	1.6	.5	.5	1.2	.9	.7			6.2	23.5
ESE	1.1	.5	2.5	2.0	.7	1.4	.5	.7	.2			9.6	19.9
SE	.7	.4	3.2	2.5	.7	1.1	.5		.2			9.2	13.8
SSE	.2	.4	1.1	.7	.2							2.5	9.9
S		.4	.9	1.1	.7	.2						3.2	12.8
SSW	.2											.2	3.0
SW	.5											.5	2.3
WSW	.4		.7	.2								1.2	8.6
W	.9	1.1	.7		.4							3.0	6.9
WNW	1.2	1.6	1.6	.7	.4							5.7	7.3
NW	1.4	3.4	1.4	3.7	1.6	.7	.4					12.6	10.9
NNW	1.1	1.4	1.6	2.8	1.6	1.2	.2					10.1	13.0
VARBL													
CALM												13.5	
	10.4	11.0	10.1	17.7	9.9	9.2	7.4	3.0	1.6	.2		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS

564

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESULTS RESULTE NWT DNT APT STATION NAME 57-66 YEARS REB
 CLASS ALL WEATHER NORTH 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.1	.5	1.4	1.2	.5	.4				7.6	14.5
NNE				.4	.5	1.1	1.1	.2	.4	.2		3.7	28.1
NE	.4	1.1	.5	.7	.4	1.8	2.5	1.1				8.3	21.7
ENE	.2		.4	.9	1.1		.2					2.7	15.3
E	.7	.5	.7	.5	.5	.5	1.2	.5	.2			5.5	19.2
ESE	.7	1.4	1.8	2.0	.7	1.2	.4	.5	.4			9.0	15.3
SE	1.1	1.1	3.5	2.0	.5	.7	.9	.5				10.3	13.3
SSE	.5		.5	1.2	.7	.2						3.2	12.4
S	.4	.4	.5	1.1	.7	.2						3.2	12.4
SSW				.2								.2	11.0
SW	.4	.7	.5	.2								1.8	7.0
WSW	.2	.2	.5	.5								1.4	8.4
W	.2	.7	.4	.2	.2							1.6	7.8
WNW	1.2	1.2	.7	.4								3.5	6.0
NW	1.8	2.1	4.1	4.1	1.4	.9						14.4	10.7
NNW	1.6	1.6	1.2	3.7	2.0	.9	.2					11.2	12.1
VARBL													
CALM												12.4	
	10.1	12.4	16.5	18.4	10.1	8.7	6.9	3.2	.9	.2		100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 564

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WMT DDT APT 57-66 FEB
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 1200-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.4	1.2	.4	6.0	.2	.5				7.6	16.0
NNE	.2	.2	.2	.9	.4	.3	.4	.4		.4	.2	4.4	21.9
NE	.6	.4	.7	.9	.4	1.2	2.8	1.4				8.0	24.2
ENE		.2	.7	.2	.2	.2						1.4	11.3
E	.4	.4	.9	1.1	1.1	1.2	.4	.2				6.0	15.3
ESE	.7	1.4	1.2	2.1	.4	1.4	1.2	.4	.5	.2		10.1	18.0
SE	.4	1.2	2.0	2.8	.4		.9		.5			8.7	13.9
SSE	.6		.2	.5	.4	.2						1.4	14.0
S	.4	.7	.7	1.2	.2	.2						3.4	10.2
SSW	.6	.2		.4	.4							1.1	11.8
SW		.4	.4									.7	6.0
WSW	.6		.5	.2								.9	8.4
W	.7	.2	.4		.6							1.8	5.8
WNW	.7	1.1	2.7	.7	.6							9.3	7.8
NW	1.4	2.8	3.7	3.4	.4	.5	.4					13.1	10.4
NNW	.4	1.2	2.5	1.8	1.8	1.8	.5	.2				10.6	14.1
VARBL													
CALM												15.4	
	6.4	11.2	18.1	17.4	8.2	4.2	6.7	3.0	1.1	.5	.2	100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 364

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1/9/1 STATION RESOLUTE NVT UNIT APT

57-66

FFB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1000-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.5	1.8	1.1	.5	.7	.4	.2			5.9	17.4
NNE		.2	.2	.4	.4	.9	1.1		.4	.4		3.7	26.9
NE	.2	.5	1.1	.5	.7	1.2	4.1	1.2				9.6	24.5
ENE			.7	.4	.4	.5						2.0	15.1
E	.4	.2	.7	.7	.5	1.1	1.6	.4				5.5	21.2
ESE	1.4	1.1	1.1	1.1	1.2	2.0	1.1	.4	.2	.2		9.6	17.1
SE	1.0	2.3	2.8	1.6	.9	.7	.7	.5		.2		11.3	12.7
SSE		.7	.7	.5	.4	.5						2.8	12.9
S	.4		.4	.4	.5	.2						1.8	12.9
SSW	.2		.4									.5	6.3
SW	.4	.4	.7	.2								1.6	6.1
WSW	.2		.4									.5	7.3
W	.7	.5	.9	.2	.4							2.7	7.6
WNW	.5	.7	1.2	1.4								3.9	8.4
NW	1.0	2.3	4.8	5.0	1.1	.2	.2					15.1	10.2
NNW	1.4	.9	1.2	1.4	1.8	1.8	.2	.4				9.0	14.4
VARBL													
CALM												14.5	
	9.6	10.1	17.7	13.4	9.2	9.6	9.6	3.2	.7	.7		100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

564

2

DATA PROCESSING DIVISION
ETOC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1/901 STATION RESOLUTE CNT DBI APT 57-66 YEARS FEB MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	1.1	.7	1.2	.5	.7	.4				5.2	17.6
NNE	.6		.4	1.1	.4	.4	.5	.7	.4			3.7	23.4
NE	.3	.7	1.1	1.2	1.4	1.4	3.0	.7	.2	.2		11.0	21.9
ENE		.2	.4	.4	.4	.7	.5					2.5	19.1
E		.7	.5	.9	.5	1.1	.7	1.2				5.7	22.0
ESE	.1	.7	2.8	1.4	1.4	1.8	1.6	.2				10.7	16.2
SE	.1	1.2	2.1	1.0	1.1	.7	.7	.2	.2			8.5	14.2
SSE	.4	.4	.7	.4	.6	.4						2.3	11.2
S	.6	.4	.5	1.1	.4	.5						3.0	12.9
SSW	.6		.2			.4						.7	15.3
SW	.4	.2	.4									.7	6.3
WSW		.5	.9									1.4	6.8
W	.4	.7	.7	.4								2.1	7.3
WNW	.6	1.1	1.6	1.3								4.6	9.3
NW	2.2	1.6	3.7	4.8	1.0	1.2	.2					15.6	11.3
NNW	1.1	1.1	1.2	2.0	2.0	.9	.4	.4				8.9	14.1
VARBL													
CALM												13.3	
	7.5	9.8	18.3	17.0	10.3	9.9	8.9	3.7	.7	.2		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 563

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 17901 RESOLUTE NAT DOT APT STATION NAME 57-66 YEAR MONTH DAY
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	.5	.2	1.1	.2						2.7	13.0
NNE	.9	.3	.2	.6	.6	.8	.2					3.1	15.6
NE	.6	.5	.3	1.3	1.3	1.5	1.0					6.5	17.7
ENE			.3	1.3	.3	.6	.2					2.7	17.2
E	.9	.3	.8	.5	.5	1.9	1.5	1.8	.2			7.7	24.6
ESE	.6	1.8	1.6	1.6	1.0	2.3	.8	.5	.3			10.5	16.7
SE	.6	1.4	2.9	1.1	1.1	1.0	.8	.5				12.1	13.6
SSE	.6	.3	.6	.5	.6	.2						2.9	10.7
S		.8	1.0	.2	.3	.2						2.4	10.0
SSW		.4	.2	.3	.4		.5					1.3	19.8
SW	.4	.2		.3		.3						1.0	12.8
WSW			.5									.5	9.0
W	.5	1.6	1.1	.3								3.7	6.3
WNW	1.1	1.1	1.1	1.1	.4							4.7	7.7
NW	3.4	3.9	3.5	2.7	1.6	.2						15.3	8.4
NNW	1.5	.6	2.3	1.0	.5	.3	.2					6.3	9.9
VARBL													
CALM												16.6	
	10.0	14.2	16.9	15.0	7.4	7.4	2.0	2.7	.5			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 DTAG/USAF
 AIR WEATHER SERVICE/DAAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901	RESOLUTE INT DPT APT	57-66	AR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0300-0500
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.6	.6	.6	.3	.3					3.5	13.3
NNE	.2	.2	.5	.2	.5	.3	.2					1.9	15.1
NE	.2	.2	.2	1.0	1.0	1.5	1.0					5.5	19.9
ENE	.5	.2	.2	.5		.6	.3					2.3	15.7
E	.6	.5	.2	.2	.5	1.9	1.3	1.5	.5	.3		6.9	27.9
ESE	.6	.6	.8	2.1	1.1	1.9	2.1	.5				9.8	19.1
SE	.8	.8	4.4	2.4	1.0	.5	.6	.6	.2			11.3	13.7
SSE	.2	.2	1.0	.8	.8	.3						3.5	12.5
S		.3	.2	.8	.8	.8						2.9	16.2
SSW	.2	.2		.3		.5						1.1	15.7
SW		.2	.3	.5	.5							1.5	13.3
WSW			.8									.8	9.6
W	1.0	1.3	.6	.5								3.4	6.2
WNW	.6	1.3	1.5	1.1	.2							4.7	8.0
NW	3.4	4.4	4.5	1.6	1.3	.2						15.8	8.0
NNW	.6	1.0	1.9	1.9	.3	.2		.2				6.8	10.3
VARBL													
CALM												14.2	
	4.0	12.4	17.6	14.3	4.7	4.0	5.8	2.7	.6	.3		100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESOLUTE NAT OUT APT STATION NAME 57-66 YEARS MAR NORTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.3	1.5	.0		.2						4.2	9.2
NNE	.4		.5	.2		.3	.3					1.9	16.7
NE	.8	.6	.2	1.3	1.0	1.3	.8					6.0	16.4
ENE	.3	.3	.3	.4	.6	.2						1.9	11.8
E	.5	.3	.5	.5	.6	1.9	1.5	1.3	.3	.3		7.7	23.3
ESE	1.0	.4	1.8	1.1	.8	1.3	2.1	.5	.2			9.5	18.4
SE	1.0	1.3	2.6	2.9	1.0	1.5	.6	.3	.2			12.6	14.0
SSE	.4	.3	.6	.4	.6	.2						2.7	12.6
S	.4	.6	.6	.4	.6	.8						3.1	13.7
SSW	.4	.3	.5	.6	.2							1.8	9.6
SW				.5								.5	14.0
WSW		.6	.6	.2								1.5	7.4
W	1.1	.5	1.1	.2								2.9	5.8
WNW	.5	1.2	1.3	.5	.3							4.0	7.8
NW	2.6	3.1	5.2	2.9	1.0	.5						15.2	8.9
NNW	1.0	1.1	2.7	1.9	.5	.6						8.1	10.7
VARBL													
CALM												16.9	
	11.3	11.8	20.0	14.5	8.1	7.0	5.3	2.1	.6	.3		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 17901 STATION NAME RESOLUTE PT APT YEARS 57-66 MONTH JAN
 CLASS ALL WEATHER HOURS 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.1	1.3	.8	.3	.5	.6	.2				6.3	11.6
NNE		.2	.2	.2	.3	.6	.2	.2	.2			1.9	22.7
NE	.2	.6	.6	1.3	.2	1.3	.3					4.5	16.0
ENE	.2	.2	.2	.3	.6	.2	.2					1.8	15.9
E	.2	.3		.3	1.1	1.5	.8	1.5	.6			6.3	27.0
ESE	.6	.8	1.3	1.9	1.6	1.3	2.3	.8	.2			10.8	19.5
SE	2.1	1.9	2.1	2.6	2.4	.6	1.0	.2				12.9	12.5
SSE	.2		.5	.8	.3	.3						2.3	13.9
S	.3	.3	.2	.6	.2	.8	.2					2.7	14.1
SSW		.5	.8	.6	.3							2.3	9.9
SW			.2									.2	9.0
WSW	.2	.6										.5	3.7
W	1.5	1.1	1.0	.6	.3							4.4	7.1
WNW	.6	2.1	1.1	.2	.2							4.2	6.2
NW	3.6	1.6	4.7	2.4	1.5	.3						13.9	9.0
NNW	1.1	1.1	2.6	1.6	1.1	.8	.3					8.7	11.6
VARBL													
CALM												16.3	
	12.1	12.1	16.6	14.4	10.0	8.2	5.8	2.7	1.0			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NWT OUT APT 57-66 YEAR MONTH 1200-1400
 STATION NAME CLASS HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2	.3	1.3	.0	.3	.3					4.0	13.5
NNE	.6	.2			.2	.2	.6					1.8	22.3
NE	.3	.6	1.0	.5	1.3	.8	.6					4.7	14.4
ENE	.2	.2		1.0	.8	.3	.2					2.6	16.9
E	.0	.2	.2	.6	.2	.3	1.3	1.3	.3			5.3	24.2
ESE	.3	.3	.6	1.9	1.8	2.1	1.6	.6				9.7	20.0
SE	2.1	1.3	2.3	2.6	1.0	1.5	.8	.8				12.3	14.2
SSE	.0		1.8	.3	1.0	.3						4.0	11.6
S	.0		.6	.8	.6	.2						2.9	11.3
SSW	.3	.2		1.1	.2							1.8	11.1
SW	.3	.3	.3	.3								1.3	7.4
WSW	.3	.2	.3									.8	6.0
W	1.0	.6	1.0	.4								3.4	6.6
WNW	.0	1.8	1.6	1.6	.0							6.3	9.2
NW	3.3	2.4	2.7	1.6	1.3	.6						12.7	8.4
NNW	2.1	2.1	2.1	2.3	2.1	1.0						12.3	10.3
VARBL													
CALM												14.4	
	13.0	11.1	14.8	16.8	11.8	8.1	3.0	2.7	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE INLT OUT APT 57-66
STATION NAME YEARS
ALL WEATHER
CLASS
1500-1700
MONTH
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.6	.5	.0	.3	.2					4.2	10.2
NNE		.2	.2	.8	.3	.6						2.1	17.0
NE	.5	.3	.5	.8	1.5	.8						4.4	15.0
ENE		.2		1.0	.3	.6						2.3	16.3
E	.4	.5	.3	1.1	1.1	1.3	1.3	1.0				6.8	22.1
ESE	.5	1.0	.8	1.0	1.0	2.4	1.8	1.6	.2			10.2	21.9
SE	2.7	1.6	1.9	2.4	1.5	1.3	1.1	.2				12.7	12.8
SSE	.3	.3	.3	1.0	.4	.2						2.3	11.0
S		.6	.6	.5	.6	.3						2.9	12.8
SSW		.2		.3	.3							.8	13.4
SW	.4	.3	.6	.5	.2							1.8	8.7
WSW		.4	.2		.2							.5	11.0
W	1.0	.5	.8	.2	.4							2.6	6.7
WNW	2.3	1.1	1.0	.8	.3							5.6	7.0
NW	2.7	2.6	4.4	3.2	.6	1.0						14.3	9.3
NNW	1.0	2.4	2.7	.6	2.7	.8						11.1	10.7
VARBL													
CALM												15.3	
	13.6	12.7	15.0	14.7	11.9	9.8	4.4	2.7	.2			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NAT DOT APT 57-66 YEAR 1800-2000
 MONTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2	1.6	1.6	.4	.3						6.6	9.9
NNE	.6	.2	.2			.3	.5					1.1	21.0
NE	.3	.5	.6	1.1	1.3	1.3						5.2	15.4
ENE	.2	.5	.2	1.0	1.1	1.3	.2					4.8	17.5
E	.3		.8	1.8	1.0	2.3	.6	1.1	.2			8.1	21.5
ESE	.8	.8	1.1	1.9	1.0	1.6	1.6	1.1	.2	.2		11.0	19.6
SE	2.3	1.6	2.1	1.8	1.5	1.3	1.0					11.5	12.5
SSE	.6	.5	.8	.8								2.3	9.0
S	.2	1.0	.6	.3	.3	.2	.5					3.4	11.8
SSW	.2	.2		.5			.2	.2				1.5	13.3
SW	.2	.2	.5			.2						1.3	8.0
WSW	.6	.3										.5	7.0
W	.3	.6	.5	.2								1.6	6.3
WNW	1.0	1.0	1.1	.5								3.9	6.0
NW	2.0	2.9	3.9	3.7	1.5	.3						14.8	9.1
NNW	2.4	1.6	1.9	1.8	1.1	.6						9.5	9.7
VARBL													
CALM												13.4	
	13.9	11.8	10.3	16.9	10.6	10.2	4.5	2.4	.3	.2		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESOLUTE NAT DDT APT STATION NAME 37-66 YEARS MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.5	1.9	.3	.5	.0		.2				4.8	11.4
NNE	.0	.5		.3	.6	.3	.6					2.7	16.6
NE	.0	.2	.5	1.5	1.6	1.5						5.8	15.7
ENE	.3		.3	1.3	.6	1.3	.2					4.0	17.4
E	1.1	.2	1.1	.6	1.3	1.3	1.0	1.1				7.7	19.2
ESE	1.1	.5	.6	2.3	1.6	1.6	1.8	1.3				11.0	20.0
SE	1.0	2.6	2.1	1.6	2.1	1.6	.6	.3				11.9	13.8
SSE	.2	.6		.6	.3	.2						1.9	11.0
S	1.3	1.1	.5			.2						3.1	5.6
SSW		.2	.3	.3		.2	.5	.2				1.6	20.7
SW	.3		.3		.2	.2						1.0	11.0
WSW	.3		.2	.3								.8	9.0
W	1.5	.5	.6	.2								2.7	5.1
WNW	.3	1.0	1.3	.3	.2	.2						3.2	8.8
NW	2.4	3.9	3.9	2.1	1.5	.6						14.4	8.9
NNW	1.0	1.6	1.9	1.1	1.0	.3						7.6	9.5
VARBL													
CALM												15.6	
	13.4	13.2	15.6	12.9	11.0	10.0	4.7	3.1				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 HTAC/USAF
 AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS APR NORTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	1.7	.3	.7	.8	.2					5.2	11.8
NNE	.3	.2	.2	.6	1.3		.2	.2				3.2	16.1
NE	1.3		1.0	1.7	.8	2.3	.8					8.0	16.4
ENE		.3	.7	.7	.5	.3						2.5	13.9
E	.3	.3	.8	1.3	1.7	2.2	1.3	1.3	.3			9.7	22.3
ESE	1.3	1.0	1.8	1.3	2.2	2.0	1.2					10.4	15.5
SE	1.3	.8	2.5	4.2	.8	1.2						10.7	11.8
SSE	.5		.8	2.0	.3	1.3						5.0	14.7
S	.3		.7	.7	.7	.3						2.7	13.1
SSW	.4		.2	.5								.8	9.8
SW	.4	.3	.5									1.0	7.3
WSW	.4	.2	.5	.7	.2							1.7	10.0
W	1.0	1.2	.8	.2								3.2	5.4
WNW	1.1	2.0	1.2	.5								5.3	5.7
NW	2.0	2.5	3.3	1.5	.2	.2						11.7	7.7
NNW	.7	1.5	2.3	.8	.8	.3						6.5	9.3
VARBL													
CALM												12.2	
	11.4	11.2	21.0	17.2	10.4	11.0	3.7	1.5	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WNT DOT APT 57-66 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.2	1.2	.5	.3						4.7	13.3
NNE	.4	.3	.7	.8	.5	.8		.3				3.7	16.3
NE	.8	.7	.8	1.5	1.8	1.0	.3					7.0	14.4
ENE		.2	.5	.8	.7	.5						2.7	15.1
E	.7	.5	.7	.8	.5	1.7	3.0	.3	.5	.3		8.8	24.0
ESE	1.4	.8	3.3	2.2	1.7	4.2	1.5	1.2				13.0	15.7
SE	1.2	.7	3.7	2.8	.8	1.2						10.7	11.2
SSE	.5	.4	.7	.7	.5	.5						2.8	12.2
S		.2	.8	.8	1.2							3.0	13.6
SSW		.4		.5	.4							.8	12.6
SW	.4	.3	.3	.3		.2	.2					1.5	11.3
WSW	.4		.2	.5								.8	9.0
W	.8	.8	.5	.2								2.3	5.4
WNW	1.6	.8	.8	.5								3.2	6.4
NW	2.4	2.7	3.3	1.2	.8							10.3	7.5
NNW	1.0	1.4	2.2	1.7	.5	.5						8.5	8.7
VARBL													
CALM												16.2	
	11.4	11.2	19.7	16.5	4.4	4.3	5.0	.8	.5	.3		100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE INY DOT APT

57-66

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.5	.8	1.2	.8	1.0						5.7	12.4
NNE	.6	.5	.3	.3	1.0	1.5	.5					4.3	18.3
NE	.8	.3	1.0	1.0	.7	1.3	.7					5.8	15.9
ENE	.6	.2	.3	.5	.5	.3						2.0	13.8
E	.3	.2	.2	.8	.7	1.3	2.5	1.0	.3		.5	7.8	27.3
ESE	.8	.7	3.0	3.2	2.5	2.0	2.2	.2	.2			14.7	17.0
SE	.7	2.5	3.3	2.3	1.2	1.3						11.3	11.0
SSE	.6	.7	.2	1.7	1.0							3.7	12.5
S	.7	.2	.5	.7	.5							2.5	10.2
SSW		.2										.2	4.0
SW			1.3									1.3	8.9
WSW	.6		.2	.3	.5	.2						1.3	14.6
W	.8	.8	.3									2.0	4.9
WNW	1.3	1.7	1.7	.5								5.2	6.5
NW	3.2	3.7	2.3	1.3	.8	.2						11.5	7.2
NNW	1.6	2.0	2.3	.8	.5	.2						7.0	8.0
VARBL													
CALM												13.7	
	11.2	14.3	17.8	14.7	10.7	4.3	5.8	1.2	.5		.5	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

600

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17901 RESOLUTE NWT DUT APT STATION NAME 57-66 YEARS MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.2	.8	.3	1.0	.8						5.3	13.3
NNE	.3	.2	.2	.3	.2	.7	.5					2.7	16.7
NE	.3		.8	1.5	1.2	1.3	.3					5.5	16.9
ENE	.3	.3	.3	.6	.7	.2						2.8	11.9
E	1.0	.2	.2	.5	.8	1.2	2.5	1.0	.3		.5	8.2	25.6
ESE	.3	.5	1.7	2.2	3.5	1.7	.8	.3	.5			11.7	18.0
SE	1.5	1.5	3.3	4.3	1.8	1.2						13.7	11.8
SSE	.3	.3	1.2	.7	1.2	.5						4.3	13.0
S	.2	.6	.3	1.0	1.0	.2	.2					3.0	14.7
SSW	.6											.2	3.0
SW		.6	.7	.3								1.2	9.6
WSW				.2	.3							.7	16.0
W	1.0	.8	1.0	.3	.3							3.5	7.2
WNW	1.2	1.0	2.3	.4								5.3	7.3
NW	3.2	3.4	3.5	2.8	1.2	.2						14.7	8.2
NNW	.7	2.0	.7	1.3	.5	.2						3.3	9.0
VARBL													
CALM												12.0	
	12.0	11.8	17.0	17.5	14.7	8.0	4.3	1.3	.8		.5	100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 600

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE UNIT DOT APT 57-66 APR MONTH
 CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	1.5	1.2	.8	.8	.2					6.0	12.2
NNE	.8	.2		1.7	.5	.5	.5	.2				3.8	18.0
NE	.8	.2	.5	2.0	2.2	1.2	.3					6.8	17.3
ENE	.3	.3			.2							.8	6.8
E		.2	.5	.8	1.7	.7	2.5	.3	.2	.3		7.2	24.6
ESE	.3	.7	.7	1.3	2.0	3.0	1.3	.8		.2		10.5	20.6
SE	1.3	1.8	3.0	4.2	1.5	.5						12.3	10.9
SSE	.8	.3	.5	2.3	.8	.8	.2					5.8	13.9
S		.2	.3	1.5	1.5	.7						4.2	16.4
SSW		.2		.2								.3	9.5
SW	.3	.3	1.0	.2	.2							2.0	8.6
WSW	.2	.3	.3	.2	.3	.2						1.7	10.8
W	1.0	1.0	.7	.5	.3							3.5	7.6
WNW	1.3	1.3	3.5	1.5	.3	.2						8.2	8.5
NW	1.8	2.5	4.7	3.0	.5	.7						11.2	9.5
NNW	1.2	.8	1.2	.2	1.2	.5						5.0	10.5
VARBL													
CALM												10.7	
	10.4	11.3	16.3	20.7	14.2	9.7	5.0	1.3	.2	.5		100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901	353607E 1947 DDT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER		1500-1700	
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	1.2	.8	1.1	1.2	.2					5.5	15.2
NNE	.4		.7	.8	1.5	.7	.3					4.2	17.2
NE		.3	1.2	1.7	1.5	1.7	.2					6.5	16.6
ENE		.2	.2	.8								1.2	11.6
E	.3		.7	1.2	1.2	1.7	1.7	.7				7.3	21.8
ESE	.6	.3	2.0	.7	1.7	3.2	1.7	.5				10.2	19.9
SE	.7	1.3	3.5	3.0	1.0	1.0	.3	.3				11.2	12.4
SSE	.3	.7	1.3	1.0	1.3	.2						4.8	12.0
S	.5	.2	1.0	1.3	1.2	.2						4.3	12.4
SSW	.3	.2		.3	.3							1.3	10.1
SW			.3	.3	.2							.8	11.6
WSW	.4	.3	1.3	.3	.2							2.3	8.9
W	1.6	.8	1.2	1.2	.3							4.5	8.6
WNW	1.0	2.2	2.5	2.3								8.0	8.3
NW	1.1	1.8	3.5	2.8	1.0	.3						11.2	9.5
NNW	1.1	.2	1.2	1.0	1.0	.9						5.8	11.3
VA?BL													
CALM												10.8	
	9.4	9.4	21.7	19.8	13.7	10.8	4.3	1.5				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSAPR
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	.8	1.2	.5	1.2	.7					5.5	15.5
NNE	.2	.2	.2	1.0	1.0	.8	.2	.2				3.7	18.0
NE		.5	.8	1.0	1.0	4.7	.8					7.7	19.1
ENE			.2	.5	.3	.2						1.2	16.1
E	.5	.2	1.2	1.8	1.5	1.0	2.0	1.0				9.0	20.6
ESE	.6	.5	1.2	3.7	2.2	5.0	1.8	.2				13.2	18.0
SE	1.0	1.2	2.7	1.8	1.7	.7						9.8	10.7
SSE	.5	.5	.7	1.5	.2	.5						3.5	12.3
S	.2	.5	.3	.7	1.0							3.0	11.4
SSW			.7	.3	.2							1.2	12.1
SW	.2	.7	.2	.2								1.2	6.1
WSW	.5	.5	1.0	.2								2.0	7.2
W	1.5	1.0	1.3	1.0	.2							4.8	7.7
WNW	1.5	2.0	3.8	1.5	.2							9.0	7.8
NW	1.5	1.5	5.0	1.7	.3	.2						9.8	8.6
NNW	.5	1.2	1.0	1.0	.5	.5						4.5	10.7
VARBL													
CALM												11.0	
	9.5	10.0	21.0	19.0	11.5	10.7	5.5	1.3				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

600

2

ATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE AFB DUT APT 57-66 YEARS MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.0	.7	1.5	.3	1.3	.8					6.2	15.8
NNE	.2	.2		.8	1.7	.8	.2					3.8	18.1
NE	1.2	.5	.8	1.5	1.7	2.3	.5	.2				8.7	16.3
ENE	.2	.2	.2	.8	.8	.3						2.5	15.3
E		.2	.5	1.0	1.3	1.0	1.7	1.2	.2			7.0	23.6
ESE	.2	1.2	1.8	2.0	1.8	3.3	1.0	.3				13.2	16.6
SE	1.2	1.2	2.0	4.0	1.5	1.3						11.7	11.8
SSE	.3		.3	1.3	.3	.2						2.7	13.4
S	.2		.5	.7		.2						1.8	11.0
SSW		.2	.3	.3								1.0	10.3
SW	.3	.3	.2	.3								1.2	6.9
WSW	.2	.2	1.0	.5	.2							2.0	10.3
W	.7	1.2	1.2									3.0	5.7
WNW	1.7	2.2	2.7	.5								7.3	6.1
NW	2.0	2.7	3.0	1.2	.3							9.3	7.4
NNW	1.2	2.0	2.0	.8	.3							6.3	7.4
VARBL													
CALM												12.3	
	10.7	13.2	18.0	16.3	10.7	10.8	4.2	1.7	.2			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 STATION NAME GEORGETOWN APT YEARS 57-66 DAY 00 MONTH 01

CLASS ALL WEATHER NCUR (L S T) 000 J-0200

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	2.6	1.3	.4	1.2	.3					8.7	11.5
NNE	.1	.3	.7	.6	1.3	3.1	.6	.3				7.0	20.3
NE	.4	.7	1.3	1.6	1.9	2.2	.1					8.8	14.8
ENE	.4	.3	.9	.1	.3	.1						2.8	10.4
E	1.4	.3	.7	1.3	1.3	.6	.4		.4			6.3	15.3
ESE	.6	1.9	1.9	2.3	1.6	1.5	1.3					11.4	15.0
SE	1.0	1.8	2.6	2.2	.9	.7	.3					10.3	10.6
SSE		.4	.7	1.0	.3							2.3	11.2
S	.4	.3	.6	.9	.4							2.6	10.9
SSW	.1	.1	.3	.7	.3	.3						1.9	13.7
SW	.3	.6	.3	.1								1.3	6.1
WSW	.1	.3	.3									.7	5.6
W	.9	.3	.7			.1						1.8	7.4
WNW	1.4	1.8	1.3	.4	.4							5.9	6.8
NW	2.4	2.5	4.1	1.3	.3	.1						11.3	7.2
NNW	1.0	1.2	2.5	.9	.1	.7						6.5	9.8
VARBL													
CALM												10.3	
	13.2	14.2	21.6	15.7	9.1	10.7	3.2	.3	.4			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NAT OUT APT 57-66
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAY
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	2.5	1.4	1.3	1.2						9.9	11.6
NNE	.1	1.0	.9	.1	.0	1.2	1.3	.3				5.6	18.7
NE	1.0	.0	.6	1.6	1.0	.6	.7					6.7	14.7
ENE	.3	.1	.6	.7	.3	.1						2.2	11.3
E	.3	.3	.7	.9	1.4	.1	.4	.4	.0			5.7	19.8
ESE	.0	.9	1.8	1.9	1.2	2.1	.9	.1	.1			9.5	16.6
SE	2.8	1.8	3.8	1.3	.0	1.3	.1					11.7	9.8
SSE	.4	.9	.4	.6	.1							2.5	8.2
S	.3	.6	.4	.3	.6	.7						2.9	13.5
SSW	.1	.1	.3	.9	.0	.1						2.2	13.2
SW		.1										.1	5.0
WSW		.0										.6	5.0
W	.0	.6	.9									2.1	6.1
WNW	1.3	2.3	1.5	.0	.4	.1						6.5	7.2
NW	2.1	3.5	4.0	1.0	.0							11.1	7.1
NNW	2.6	.9	3.4	1.0	.4	.3						8.2	8.1
VARBL													
CALM												12.6	
	13.6	10.3	21.7	12.8	10.3	7.9	3.5	.9	.7			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

682

USAFETAC

FORM
JUL 64

0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWI DET APT

57-66

1AY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	1.2	1.9	1.3	.9						7.5	12.3
NNE	.6	.4	.9	1.0	1.0	1.2	1.0	.1				6.3	17.6
NE	.3	.6	1.2	1.6	.7	1.3	.6	.1				6.5	16.3
ENE	.1	.4	.3	.4	.7	.4	.1					2.6	14.6
E	.4	.6	.9	.9	1.9	.7	.3	.4		.3		6.5	18.5
ESE	.9	.1	1.2	1.6	1.3	1.6	1.5	.3	.1			8.7	18.8
SE	3.5	2.6	4.0	1.5	.9	1.5	.7		.1			14.8	10.4
SSE	1.0	.9	.6	.1	.3							2.9	6.6
S	.6	.4	.4		1.0	.4						2.9	12.2
SSW		.3	.7	.3		.3	.1					1.8	13.4
SW	.3	.1	.4	.3								1.2	7.8
WSW	.1	.3	.4									.9	6.2
W	1.3	.9	1.0									3.4	4.7
WNW	1.0	1.6	1.0	.9	.4							5.0	8.1
NW	2.2	1.9	3.7	1.9	.8							10.6	8.0
NNW	2.1	1.3	1.9	1.5	.7							7.5	8.3
VARBL													
CALM												11.1	
	10.0	13.8	19.8	13.9	11.0	8.4	4.4	1.0	.3	.3		100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

642

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NAT UNIT APT 57-66 1-4Y
 STATION STATION NAME YEARS NORTH
 ALL WEATHER
 CLASS
 0900-1100
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	1.3	1.3	1.6	.7	.1					6.3	13.2
NNE				.9	.7	1.2	1.0	.3				4.1	23.1
NE	.6	.7	1.3	1.5	2.1	1.8	.3	.4				8.7	16.4
ENE	.1	.4	.6	.6	.3							1.5	11.5
E	.4	.1	.9	.9	1.0	.7	.3	.6				5.0	17.7
ESE	.1	.9	.7	1.9	2.2	2.3	1.0	.6	.3			10.1	19.7
SE	2.2	1.8	2.1	2.5	.7	1.3	.6	.1				11.3	11.9
SSE	1.3	1.3	1.0	.4	.1	.3						4.7	7.4
S	.6	.6	1.2	.9	.6	.3						4.1	10.8
SSW	.3	.1	.1	.1		.6						1.3	14.8
SW	.1	.1	.4	.4								1.2	9.1
WSW	.4	.6	.9	.1	.1							2.6	6.4
W	1.6	.6	.9	.1		.1						3.5	3.9
WNW	2.1	2.2	1.3	.7								6.3	5.8
NW	2.1	3.1	4.3	2.1	.6	.7						12.8	8.6
NNW	1.2	1.8	1.5	1.9	.9	.4						7.6	9.9
VARBL													
CALM												8.8	
	14.8	14.4	18.3	16.4	11.0	10.6	3.4	2.1	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESOLUTE NWT OUT APT STATION NAME 57-66 YEARS MAY MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	.6	2.2	2.1	1.6	.4	.3				8.4	16.7
NNE		.3	.1	.7	1.2	1.2	.9	.1				4.5	20.9
NE	.3	.4	1.0	1.5	1.0	.4	1.2					5.9	16.5
ENE	.4	.1	.4	.3	.3							1.6	9.5
E	.3	.1	.9	1.2	1.2	.6	.1	.9				5.3	18.6
ESE			.1	1.9	2.6	2.1	.3	.3				7.3	19.6
SE	2.1	1.5	4.0	2.9	.4	1.5	.7	.4				13.9	12.7
SSE	.4	2.9	1.6	.7	.3	.4	.1					6.6	8.9
S	.3	.3	1.3	.3	.3	.7	.1					3.4	13.6
SSW		.6	.4	.4								1.5	9.1
SW				.7	.4							1.2	14.8
WSW	.7	.1	.6	.4								1.9	6.6
W	.4	.7	1.0	.3	.3							3.2	7.0
WNW	2.3	2.1	2.1	1.3								7.8	6.5
NW	2.3	2.9	3.8	2.5	.4	.1	.1					12.3	8.3
NNW	.4	1.8	1.8	1.9	.4	.4						7.6	10.4
VARBL													
CALM												7.9	
	11.4	14.4	19.8	19.4	11.4	9.1	4.1	2.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE BWT OUT APT STATION NAME 57-66 YEARS MAY NORTH
ALL WEATHER CLASS 1200-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	2.9	1.8	2.5	.1					9.0	17.1
NNE		.3	1.2	1.3	1.3	.1	1.5	.1				6.0	18.1
NE	.1	.9	1.2	.9	.4	.9	.4	.4				5.3	16.3
ENE	.2	.4	.3	.4								1.5	8.1
E	.6		1.0	.9	.7	.7	.7	.1				4.8	17.2
ESE	.1		.4	2.6	2.3	1.8	.7	.3				8.5	19.2
SE	.4	.7	3.1	2.5	.9	.9	.7	.4				10.1	13.9
SSE	.4	.4	1.6	1.2	.4	.6	.1					5.3	11.4
S	.4	.3	.4	.6	.6	.1	.4					3.4	13.2
SSW	.4	.1	.7	1.2	.1	.3						2.9	11.0
SW	.1	.1	.9	.1	.3							1.6	10.0
WSW	.3	.3	.4	.1	.1							1.3	8.2
W	1.2	.7	1.6	.1	.4	.1						4.6	7.3
WNW	1.2	2.3	2.2	1.3	.1							7.5	7.1
NW	3.0	2.6	3.8	2.1	.3	.1						12.8	7.3
NNW	1.0	1.2	1.8	2.9	.7	.3						7.9	10.9
VARBL													
CALM												7.5	
	12.0	11.2	21.6	21.3	11.0	6.5	4.8	1.5				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 681

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NAT DUT APT STATION NAME 57-66 YEARS DAY MONTH NORTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.1	.9	3.1	2.8	1.6	.3					9.7	15.5
NNE	.3	.4		1.3	.9	1.5	.4					4.8	17.5
NE	.3	.7	1.3	1.3	.9	.7	.6					5.9	14.7
ENE	.1	.4	.6	.4	.4	.1	.1					2.3	12.8
E		.4	.9	1.6	.9	.6	.4					4.8	15.4
ESE	.6	.6	.9	1.8	1.6	2.1	.9	.1				8.5	17.4
SE	1.5	1.6	2.8	2.8	1.2	1.3	.6	.3				12.0	12.6
SSE	.9	.6	1.6	.4	.1	.6						4.3	9.7
S	.6	.4	.9	.6	.6	.1	.1					3.4	11.3
SSW	.1	.1	.9	.4	.1	.3						2.1	12.7
SW	.7	.4	.4	.4								2.1	7.1
WSW	.6		.6		.1							1.3	7.1
W	1.2	1.0	.7	.3	.3	.1						3.7	7.2
WNW	1.5	1.0	2.3	.9	.1							5.9	7.5
NW	4.1	2.3	4.4	.9	.6	.1						12.3	6.7
NNW	1.6	1.6	2.6	2.3	.7	.6						9.5	9.9
VARBL													
CALM												7.5	
	12.0	12.2	21.8	18.6	11.1	9.8	2.5	.4				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 582

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WHT DDT APT 57-66 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.8	2.1	1.3	1.5	1.9	.1					9.3	13.2
NNE	.1	.6	.6	1.2	1.2	1.8	.6					6.0	17.7
NE	.6	.7	1.0	1.6	2.2	.9						7.0	13.8
ENE	.3	.3	.4	.9	.7	.3	.1					3.1	13.8
E	.7	.4	1.2	2.2	1.2	.6	.9					7.2	14.9
ESE	.4	.9	1.8	2.5	.7	2.1	1.5	.4				10.3	17.4
SE	1.0	1.3	3.5	1.9	.7	.7	.3	.1				9.7	11.3
SSE	.6	.3	1.3	.6	.3	.1						3.2	9.7
S	.7	.9	.6	.3	.6	.3						3.4	9.9
SSW	.3	.1	1.0	.4	.6							2.5	11.1
SW		.1	.6	.1	.4							1.3	11.6
WSW	.3	.1	.3		.1							.9	6.8
W	1.0	.6	.9		.1	.3						2.9	7.7
WNW	1.3	2.2	1.9	1.0								6.5	6.9
NW	2.2	2.1	3.2	1.6	.1							9.3	7.4
NNW	1.3	1.6	2.3	1.3	.7	.4						7.9	9.6
VARBL													
CALM												9.5	
	11.0	14.1	22.8	17.2	11.3	7.4	3.5	.6				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 681

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE INLT DUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0000-0200
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	3.5	2.3	1.2	.8						8.8	12.0
NNE	.3		.5	.8	1.1	1.1	.3					3.6	17.6
NE	.5	.5	.3	.9	2.0	1.1	.5					5.6	17.0
ENE		.3	.6	.9	1.2	.3	.3					3.6	16.0
E	.2	.3	.9	.9	3.2	2.3	1.2					8.9	19.6
ESE	.2	.6		.9	1.5	1.5	1.4	.2				6.2	20.5
SE	1.1	.3	1.8	3.0	1.7	.8	.2					8.9	13.1
SSE	.3	.2	.8	1.1	.2	.2		.2				2.7	12.7
S	.5	.3	.5	.5	.3		.2					2.1	10.9
SSW				.6		.3	.2					1.1	18.1
SW				.3	.3	.3						.9	18.7
WSW	.9		1.1	.3								2.3	7.1
W	1.3	1.2	1.4	1.1								5.2	6.9
WNW	1.7	.8	.9	1.2	1.2							5.8	9.7
NW	2.4	1.2	3.8	3.8	1.4	.3	.2					13.0	10.2
NNW	.9	1.2	3.0	5.5	1.2	1.1						12.9	11.7
VARBL													
CALM												8.0	
	10.6	7.7	18.9	23.9	16.4	.4	.4	.3				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WPT DDT APT 57-66 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.3	3.3	2.3	1.2	.5	.5					8.9	12.5
NNE	.6		.8	.9	.5	1.7	.5					4.4	18.2
NE	.6	.0	1.2	1.1	2.0	1.2						5.2	15.0
ENE	.2	.3	.5	1.1	.0	.8	.2					3.6	15.5
E		.3	.5	1.7	.9	4.0	.8					6.7	19.4
ESE	.3	.3		.8	1.0	3.0	.9					7.1	20.9
SE	1.2	2.1	1.8	2.7	1.1	1.2	.8					10.9	12.6
SSE	.5	.2	.6	.3	.5							2.0	9.8
S	.5	.2	.6	.6	.8							2.6	11.6
SSW			.2	.6								.8	12.6
SW	.2		.3	.3	.5	.2						1.5	13.0
WSW	.2	.2	.8		.2							1.2	8.4
W	1.1	1.2	1.2	1.1	.5							5.0	8.3
WNW	1.4	1.2	1.4	1.1	.9	.2						6.1	9.5
NW	1.7	2.0	6.1	4.1	1.4							13.2	9.6
NNW	1.1	.9	3.3	2.9	1.4	.5	.3	.2				10.5	11.8
VARBL													
CALM												7.6	
	4.1	4.7	22.4	21.9	14.1	11.7	3.8	.2				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESOLUTE WVT OUT APT STATION NAME 57-66 YEARS JUN MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.8	1.5	1.4	1.7	.5					7.3	15.8
NNE	.5		.5	1.7	.6	.5						3.6	13.9
NE	.3	.5	.8	1.2	1.7	1.5	.3					6.2	16.7
ENE			.2	1.1	.5	.5	.2					2.1	17.2
E	.5	.2	.3	1.7	1.2	1.7	1.4	.2				7.0	19.7
ESE	.3	.5	.8	1.4	2.0	2.9	.5	.2				8.3	18.2
SE	1.1	1.7	2.1	3.0	1.5	1.2						10.6	11.9
SSE	1.1	.8	.3	.6	.8	.5						3.9	10.3
S	.9	.6	1.4	.5	.5							3.8	8.2
SSW	.2		.3	.6	.2							1.2	12.3
SW	.3	.2	.5	.8	.2	.2						2.0	11.1
WSW	.3	.3	.3	.5	.2							1.5	9.2
W	1.2	.3	.6	.9	.2							3.2	8.2
WNW	1.5	.8	2.7	1.4	.8	.8						7.9	10.4
NW	3.2	3.6	3.6	3.8	1.8	.3						16.4	9.3
NNW	.3	1.7	2.6	3.9	1.1	.8	.6	.2				11.1	13.3
VARBL													
CALM												3.9	
	11.7	11.2	18.6	24.4	14.1	12.3	3.3	.5				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DDT APT 57-66 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.4	1.1	1.2	2.0						6.2	16.1
NNE		.3	.8	.9	.6	.6						3.3	14.8
NE		.3	1.4	.9	1.4	1.4	.3	.5				6.1	16.3
ENE			.8	.6	.3		.2	.2				1.5	15.8
E	.2		.8	.8	1.4	1.5	1.5					6.1	20.2
ESE	.2	.3	.3	1.8	2.1	3.0	.6		.2			8.5	19.6
SE	.6	1.1	1.7	4.7	1.4	1.7	.2	.2				11.4	14.5
SSE	.2	1.2	1.2	1.4		.6	.2					4.7	11.2
S	.2	.8	.9	.3	.3	.2						2.9	8.7
SSW				1.1	.6							1.2	14.3
SW		.2	.3	.6								1.1	9.9
WSW	.2	.6	.5	.5								1.8	7.5
W	1.6	1.2	1.2	.8	.2							4.5	7.1
WNW	.6	1.8	2.6	2.4	1.3	.3						9.2	10.6
NW	3.0	2.1	3.2	4.2	1.1	1.1						14.7	9.8
NNW	.6	1.1	3.5	4.1	2.7	2.0						13.9	13.5
VARBL													
CALM												2.9	
	7.6	11.4	20.3	25.6	14.2	14.2	2.9	.8	.2			100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 (TAC/USAF)
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WPT DOT API 57-66 JUN NORTH
 STATION STATION NAME YEARS
 ALL WEATHER CLASS
 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	2.1	2.0	1.7	2.7	.2					4.9	16.6
NNE			1.5	.9	.3	.6	.6					3.9	15.5
NE	.2	.2	1.2	2.0	.5	.8	.9	.2				5.8	17.2
ENE			.2	.5	1.1	.5		.2				2.3	18.4
E			.5	.8	1.4	2.4	.9	.2				6.1	21.5
ESE	.2	.2	.5	.5	1.8	4.1	.6					8.2	20.7
SE	.3	1.5	2.4	2.7	2.1	1.4	.5	.3				11.4	14.4
SSE	.6	.8	2.0	1.2	.6	.2						5.3	10.3
S	.3	.3	1.4	.8	.2	.2						3.0	9.6
SSW	.2		.2	.2	.8							1.2	14.0
SW	.3		.8	.6								1.7	9.8
WSW	.3	.5	.6	.5								2.0	7.2
W	.9	1.2	2.4	2.0	.3							6.8	8.7
WNW	.9	2.1	1.8	1.8	.9	.3						7.9	9.8
NW	2.1	2.1	3.0	4.2	2.3	1.1						14.8	11.2
NNW	.2	.2	2.9	3.3	1.4	1.4	.2					9.4	14.5
VARBL													
CALM												1.4	
	6.1	4.2	23.3	24.2	13.2	13.3	3.8	.8				100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 STAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

179.1 STATION 179.1 STATION NAME ESQUATE NAT UNIT APT YEARS 57-66 MONTH JUN
 CLASS ALL WEATHER HOURS 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	1.5	2.4	1.4	1.5	.3	.2				7.6	16.6
NNE	.3	.2	.6	1.4	.6	.6	.5	.2				4.2	16.3
NE	.3	.2	1.1	1.4	1.1	1.5	.2	.3				5.9	17.3
ENE				.6	.2	.6						1.4	19.2
E		.2	.3	1.1	1.5	3.2	.8					7.0	20.9
ESE	.2	.2	.5	1.5	1.5	1.7	.6	.3				6.2	19.9
SE	.4	.4	3.8	2.9	1.8	1.7	.6					12.6	13.5
SSE	.5	.8	1.7	1.2	.6	.2	.2					5.0	10.9
S	.2	.2	1.1	.3	.2							2.1	10.4
SSW		.2	.2	.2	.8							1.2	16.3
SW	.3	.2	.6	.9	.2							2.4	11.4
WSW	.3	.6	.3	.3	.6							1.7	7.6
W	.4	1.7	2.7	.9	.3							6.5	8.1
WNW	.3	1.2	2.4	2.4	.8	.3						8.0	10.1
NW	.0	1.8	3.6	4.5	1.4	.8						14.8	11.2
NNW	.5	.4	1.8	3.6	4.1	1.5	.5					10.4	14.8
VARBL													
CALM												2.6	
	2.4	9.1	24.1	25.6	17.0	12.5	3.2	.9				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 660

ATTACHMENT 1 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 1800-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	1.5	3.5	2.6	1.2	.6					10.6	15.2
NNE			.6	.9	1.1	.6	.2					3.3	16.7
NE	.2	.3	.9	1.8	1.1	1.1	.3					5.6	15.9
ENE		.2	.5	1.1		.2	.2					2.0	14.2
E	.2	.3	.5	1.8	1.1	1.7	.8	.3				6.5	15.0
ESE		.3	.3	1.2	1.6	2.0	.6	.2				6.5	14.5
SE	.4	2.0	2.7	2.6	3.2	1.7	.5					13.5	13.7
SSE	.6	.6	1.5	1.2	.3	.2						4.4	9.7
S	.6	.3	.6	.9	.3							2.9	8.8
SSW		.2	.2	.6	.3							1.2	14.3
SW	.3		.6	.5	.2							1.5	10.8
WSW	.6	.3	.8	.6								2.3	7.7
W	.6	1.7	2.0	.9	.3							3.5	7.8
WNW	.5	1.2	2.0	2.3	.2	.3						6.4	10.0
NW	1.7	1.5	2.7	4.1	1.4	.6						12.0	10.9
NNW	.6	1.1	3.6	4.8	1.8	1.5						13.5	13.1
VARBL													
CALM												2.4	
	7.1	10.9	20.9	28.8	15.5	10.9	3.0	.5				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WPT OUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 2100-2300
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.0	2.4	2.7	1.4	1.2	.3					9.1	13.6
NNE			.6	.5	.5	.9	.6					3.0	19.7
NE	.2	.6	.8	1.7	1.1	.6	.9	.2				6.2	16.3
ENE	.2		.6	1.4	.9	.5						3.5	15.5
E	.2	.6	.3	2.1	1.5	2.3	1.1	.5				8.5	19.6
ESE	.3	.3	.3	.8	1.8	1.4	.5	.3				5.6	18.8
SE	.9	.9	1.8	4.2	2.0	1.5						11.4	13.2
SSE	.3	.3	.9	.2	.0	.2						2.4	11.2
S	.3	.5	.5	.6	.5	.2	.2					2.6	11.9
SSW	.2		.2	.5	.5							1.2	12.8
SW	.2	.3	.5	.6	.2	.3						1.8	13.0
WSW	.2		.2	.6								.9	10.3
W	1.0	1.4	.8	1.2								5.2	6.5
WNW	1.4	1.7	1.5	1.7	.8							7.0	8.9
NW	2.4	1.7	4.2	3.5	.6	.5	.2					13.0	9.4
NNW	.2	1.1	3.3	3.6	3.3	.5						12.3	12.8
VARBL													
CALM												6.4	
	9.4	10.0	14.8	25.8	15.3	9.8	3.6	.9				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1/901 STATION RESOLUTE APT 57-66 JUL 1966
STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION
0000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	3.5	2.9	1.6	.3	.3					10.1	12.2
NNE	.1	.3	.7	1.3	1.2	.1	.3					4.1	15.0
NE	.4	.3	.7	1.3	1.3	.4	.3					5.1	14.7
ENE			.4	.7	.7	.3	.1					2.3	16.8
E	.1		.3	1.5	1.8	1.2	1.2	.1	.3			6.5	21.3
ESE	.9	.4	.4	1.6	1.0	1.0	.3					5.7	13.8
SE	1.3	2.9	3.6	2.3	1.0							13.3	8.7
SSE	.4	.7	1.0	.3	.3							2.8	8.2
S	.4	.3	.4	.1	.1							1.9	6.1
SSW	.1		.3	.1								.6	7.5
SW	.4		.4	.1								1.0	6.9
WSW	.1	.7	.9	1.3								3.2	10.0
W	2.2	1.9	2.1	1.0								7.2	6.5
WNW	2.2	2.8	1.6	.7	.4							8.1	6.5
NW	3.1	2.1	2.1	1.3	.7							9.2	7.2
NNW	.6	.7	1.3	2.3	1.0							6.0	11.3
VARBL													
CALM												12.8	
	13.4	14.4	21.8	19.3	11.4	3.4	2.5	.1	.3			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION NAME RESOLUTE WNT DUT APT 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.0	2.2	1.9	.9	1.2						6.9	13.1
NNE		.1	.1	1.6	.0	.3	.3	.1				3.2	17.0
NE	.3	.3	1.0	2.8	2.1	.3	.4					7.2	15.0
ENE			.3	.1	.1	.6	.1					1.3	18.8
E	.4		.6	1.2	.9	1.2	.4	.3	.3			5.3	19.7
ESE	.3	.1	1.0	1.8	1.6	.7	.4					5.6	15.1
SE	1.2	3.3	4.4	3.7	1.0	.3						14.1	9.8
SSE	.0	1.0	1.0	.1	.3							3.1	7.3
S	1.3	.3	1.0	.7								3.4	7.0
SSW		.1	.4	.1	.1							.9	10.0
SW	.4		.1	.1								.7	6.0
WSW	.3	.1	.3	.6	.1							1.5	9.7
W	2.6	2.1	1.8	3.1								9.3	7.5
WNW	2.3	1.2	1.3	.7								5.7	5.9
NW	3.3	1.6	1.6	1.9	1.0							9.7	7.6
NNW	1.3	.7	1.6	2.9	1.0	.3						7.9	10.9
VARBL													
CALM												14.1	
	13.0	11.9	16.9	23.3	9.4	4.8	1.8	.4	.3			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

682

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWI DOT APT
STATION STATION NAME

57-66

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.8	2.8	1.4	1.0	.3					8.1	14.2
NNE	.1	.1	1.0	1.5	.6	.9	.4					4.5	16.7
NE	.2	.1	1.2	1.6	1.5	.7	.3					5.7	15.3
ENE	.1	.1	.1	.4		.3						1.2	13.0
E	.6	.1	.4	1.5	.4	1.2	1.3	.4	.4			6.5	21.1
ESE	.4	.6	1.9	1.6	1.5	2.2						8.2	15.0
SE	1.0	2.2	4.4	3.5	2.3	.1						13.6	10.6
SSE	.7	1.5	1.0	.6								4.0	6.5
S	.7	.9	.6	.1								2.3	6.1
SSW	.1		.1	.1								.4	8.3
SW	.4	.1	1.2	.1								1.9	7.5
WSW	.4	1.6	.9	.7	.4							3.7	8.8
W	1.4	2.6	2.5	2.2								9.2	7.6
WNW	1.6	1.2	2.5	.3	.1							5.7	6.5
NW	2.9	1.8	2.1	2.2	.6	.4						10.0	8.3
NNW	.2	.1	.9	2.0	1.5	.7						6.2	14.3
VARBL													
CALM												8.8	
	11.4	13.8	22.6	22.0	10.1	7.6	2.3	.4	.4			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

642

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE NWT DOT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		2.1	2.5	1.6	.7	.1	.3				7.5	15.7
NNE		.3	1.0	.9	.9	.9	.3					4.3	16.5
NE		.0	.7	1.2	1.8	1.2						5.4	15.6
ENE				.1	.4	.1	.1	.1				1.0	22.6
E	.1		.4	1.0	.7	1.3	.7	1.0	.4			5.9	24.1
ESE	.1	.3	.4	1.8	1.9	1.2	.1	.1				6.0	16.9
SE	.7	1.9	4.5	4.1	2.3	.9	.1					14.7	11.9
SSE	.4	1.2	2.6	1.9	.1							6.7	8.7
S	1.5	1.5	.9	.9	.1							4.8	7.1
SSW	.3			.1								.4	6.0
SW	.4	.1	.3	.3								1.2	7.4
WSW	.4	1.0	2.1	1.0	.3							5.3	8.1
W	2.5	2.2	2.6	2.6	.7							10.7	8.1
WNW	1.4	2.6	3.1	.7	.3							8.7	6.8
NW	1.3	1.2	1.5	2.1	1.0							7.0	9.4
NNW	.3	.4	.4	3.5	2.1	1.0						7.8	15.4
VARBL													
CALM												2.6	
	11.1	13.3	22.7	24.8	14.4	7.3	1.6	1.6	.4			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESOLUTE INWT DUT APT STATION NAME 57-66 YEARS JUL
NORTH
CLASS ALL WEATHER
CONDITION

1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.0	.7	1.6	1.2	1.3						5.6	19.2
NNE		.1	.7	.9	1.3	.9		.3	.1			4.4	18.9
NE			.9	1.0	1.5	1.0	.1					4.5	17.2
ENE			.3	.1								.4	11.3
E		.1	.3	1.2	.7	1.5	1.3	1.2	.1			6.5	24.2
ESE			.7	1.2	2.2	1.6	.3					6.0	18.6
SE	1.3	1.9	4.1	3.5	2.9	.6						14.4	11.4
SSE	.4	1.8	3.5	2.5	.1	.1						8.9	8.9
S	1.2	.9	1.0	1.5		.1						4.7	8.1
SSW	.2		.3									.6	5.8
SW	.7	.7	.4	.1								2.1	5.3
WSW	.9	.6	1.0	1.0	.6							4.1	9.5
W	2.2	4.3	5.3	2.5	.4							14.7	7.9
WNW	1.0	1.9	3.7	.9	.4	.1						8.1	8.2
NW	.4	.1	1.0	2.3	.7	.3						5.1	12.9
NNW	.1		.9	3.4	1.4	.7						7.0	15.3
VARBL													
CALM												2.9	
	4.4	13.0	24.9	23.9	14.1	8.4	1.8	1.5	.3			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
 STATION

RESOLUTE MNT DNT APT
 STATION NAME

57-66
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	2.1	2.1	1.5	.1					6.5	17.8
NNE	.1		.1	1.5	.2	1.0		.6				4.5	20.1
NE	.1		.6	.7	.6	.6	.1					2.8	16.1
ENE			.4	.3	.3	.1						1.2	14.1
E		.1	.1	2.2	.6	.9	1.3	1.5				6.7	23.2
ESE		.1	.6	1.0	2.3	1.8	.3	.3				6.6	19.4
SE	1.0	1.9	4.4	2.5	2.2	1.2						13.2	11.5
SSE	.7	2.8	3.4	1.2	.1	.1						8.4	8.1
S	1.0	.4	2.1	.3								3.8	7.0
SSW	.1		.6	.4								1.2	9.0
SW	.3	.1	.6	.3								1.3	8.3
WSW	.6	.4	1.8	.3	.3							3.4	8.4
W	2.6	3.7	6.7	2.9	.1	.1						16.3	7.7
WNW	1.3	2.1	1.8	1.2	.1							6.5	7.1
NW	1.5	1.3	1.3	2.9	.6	.3						7.9	10.0
NNW	.1	.3	.9	3.2	1.8	.9						7.2	15.1
VARBL													
CALM												2.6	
	9.7	13.3	26.1	23.0	12.3	8.5	1.9	2.3				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	1.3	2.2	1.0	1.2	.4					7.5	16.2
NNE			.3	.6	2.1	.4	.1	.3	.1			4.0	19.8
NE		.1	.4	.7	1.2	1.0	.4					4.0	18.6
ENE		.1	.3	.4	.1	.1	.4					1.6	17.1
E	.1	.1	.4	1.8	1.6	1.5	1.0	.6				7.2	20.3
ESE		.4	.9	1.6	3.2	.9	.3					7.6	16.8
SE	2.4	2.9	3.0	2.8	.9	.4						14.2	8.9
SSE	2.1	1.2	2.2	.6	.3							6.6	6.7
S	1.2	1.2	.3	.6								3.2	5.5
SSW	.1	.4	.4									1.0	6.3
SW	.2	.1	.4	.4								1.3	8.4
WSW	.2	.1	1.6	.7	.1							2.9	9.0
W	2.8	3.8	6.0	1.2	.4							14.2	6.9
WNW	1.2	2.2	3.8	.4								8.9	6.9
NW	1.2	.7	1.0	1.9	1.0	.3						6.5	10.3
NNW	.1	.4	.7	2.1	1.2	.7						5.6	14.5
VARBL													
CALM												3.7	
	12.2	13.2	25.2	18.2	14.4	9.6	2.8	.9	.1			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE MNT DUT APT 57-66 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.5	2.6	1.0	.6						7.3	13.5
NNE			.7	1.0	1.3	.7	.4	.1				4.4	18.5
NE	.1		.9	1.3	.4	.7	.1					4.3	15.2
ENE		.1	.3	.4	.6	.3	.3					2.1	17.0
E		.1	.7	1.5	1.6	4.1	1.8	.7	.1			8.7	22.5
ESE	.0	.6	1.8	1.0	1.3	.7						6.2	13.0
SE	2.6	2.6	4.8	2.9	.9							13.9	8.5
SSE	1.2	1.6	.7	.9	.3							4.7	7.4
S	1.3	.1	.4	.3								2.3	5.3
SSW		.3	.6									.9	6.8
SW	.3	.4	.4	.1								1.3	6.4
WSW	.3	.3	.7	.6								1.9	9.1
W	3.2	3.2	2.2	1.6	.1							10.4	6.5
WNW	1.3	1.0	2.3	1.8	.1							6.7	7.9
NW	3.2	2.1	1.0	1.2	.4							7.9	6.4
NNW	.4	.6	2.1	2.6	1.3	.7						7.8	12.8
VARBL													
CALM												9.2	
	13.1	13.4	21.3	20.2	10.7	3.9	2.6	.9	.1			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901

RESOLUTE WMT DOT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.9	3.2	1.0	.3	.1					7.5	12.4
NNE	.3	.3	.3	1.2	.7	.5	.1					3.5	15.3
NE	.1	.3	.9	1.6	1.3	.3	.3					4.8	15.3
ENE		.1	.3	.6	1.2	.4	.3					2.9	17.9
E	.1	.7	2.2	2.1	2.1	3.5	1.6	2.3	.3			15.0	21.4
ESE	.7	.3	2.3	2.2	2.3	2.6	.6					11.1	15.8
SE	1.5	1.8	2.9	2.1	.6	.3						9.1	9.0
SSE	.4	.3	.1	.6	.1							1.6	9.2
S	.7		.1	.3		.1						1.3	7.8
SSW	.1		.1									.3	6.0
SW	.4	.1	.1									.7	3.8
WSW	1.0	.6	.6	.1								2.3	5.6
W	1.2	1.2	.9	.6								3.8	6.1
WNW	1.0	1.6	3.1	.4	.6							6.7	8.1
NW	4.3	2.1	1.2	2.2	.1	.1						10.0	6.6
NNW	1.2	1.0	1.3	1.3	1.2							6.0	9.8
VARBL													
CALM												13.2	
	13.2	11.0	18.5	18.5	11.3	4.4	3.1	2.3	.3			100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NW1 UDT APT 57-66 AUG
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 0300-0500
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.6	2.1	1.0	.3						7.8	11.0
NNE	.3	.3	.4	1.0	.9	.9	.1					4.0	13.4
NE	.7	.6	.4	1.3	.7	.4	.6					4.8	14.3
ENE	.3	.4	.1	.4	1.2	1.0	.1	.3				4.0	18.1
E	.1	1.2	1.6	2.6	2.2	2.5	3.2	1.8				15.2	21.1
ESE	.4	1.0	2.8	2.6	1.9	1.9	.4	.1				11.7	14.4
SE	1.2	1.6	2.5	1.0	1.0	.3	.1					7.8	9.7
SSE	.6	.9	.6	.3	.1							2.5	7.5
S	.4	.3	.3	.4	.3							1.8	9.3
SSW	.1											.1	2.0
SW	.1	.1										.3	4.0
WSW	.4	.9										1.3	4.2
W	1.0	.9	.6	.9								3.4	6.8
WNW	1.0	1.8	1.2	.7	1.0							6.3	7.9
NW	2.3	2.3	2.3	2.2	.4							9.8	7.4
NNW	.4	1.2	2.1	1.0	.9	.3						6.3	9.8
VARBL													
CALM												17.9	
	12.3	14.3	16.6	16.7	12.2	1.8	4.7	2.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE NMT OUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	.9	2.0	.7	.3						6.5	11.7
NNE	.4	.3	.3	1.0	.6	.6	.4					3.2	17.5
NE	.4	.7	.7	1.2	1.0	.7	.4					5.7	13.5
ENE	.3	.1	1.0	.3	.3	.7	.1	.3				3.2	16.7
E	.3		1.0	1.8	1.8	4.4	2.6	2.2	.1			14.2	23.7
ESE	.1	1.2	1.6	2.4	1.9	2.6	.6					11.0	15.7
SE	1.0	3.1	4.0	2.5	.3	.3						11.7	8.4
SSE	.7	.3	.4	.3	.4							2.6	10.0
S	.7	.3	.1		.3							1.5	7.1
SSW	.4	.3	.1		.1							1.0	6.7
SW		.3	.1									.4	6.0
WSW	.4		.6									1.0	6.0
W	1.0	.7	.9	.3								3.5	5.8
WNW	.4	1.8	1.8	1.3	.4							6.2	8.6
NW	1.4	2.1	2.6	2.3	.3							9.2	8.0
NNW	.4	.7	1.3	1.8	2.1	.1	.1					7.0	11.9
VARBL													
CALM												11.9	
	11.1	13.3	17.6	18.3	10.7	4.8	4.4	2.5	.1			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

682

AD-A100 245

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

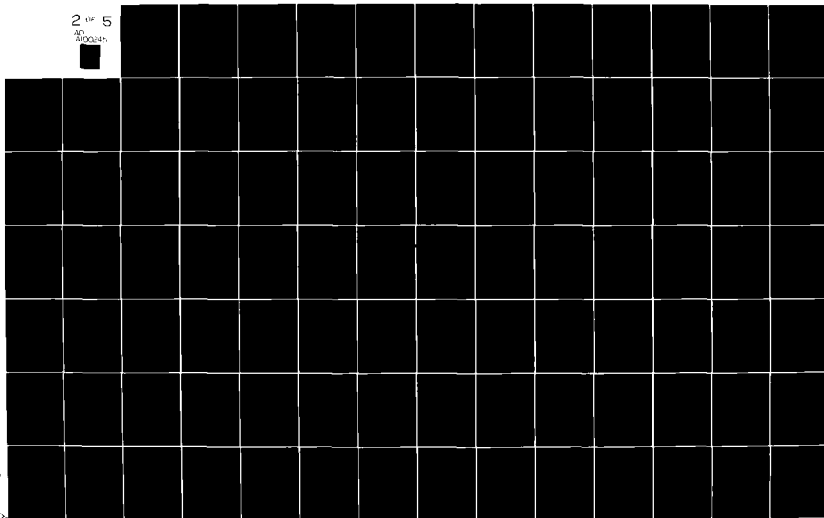
UNCLASSIFIED

USAFETAC/DS-81/040

SBIE-AD-E850 067

ML

2 of 5
AD
A10045



2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE INWT DUT APT
STATION STATION NAME

57-66

YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	2.1	1.8	1.6	.1						7.3	11.7
NNE		.1	.7	.9	1.3	.3						3.4	14.8
NE		.3	.3	2.2	.6	.4	.7					4.5	17.1
ENE	.1		.7	.7	.3	.6		.3				2.8	16.2
E	.6		.3	1.6	1.9	3.2	3.1	1.8	.3			12.5	24.9
ESE	.1	.3	1.9	1.9	1.3	2.5	1.0	.4				9.7	18.2
SE	1.2	2.2	4.0	3.0	.4							12.8	9.6
SSE	.6	1.8	2.1	.7	.4							3.6	8.1
S	.7	.7	1.0	.3								2.8	5.9
SSW	.1		.3			.6						1.0	16.9
SW	.6	.3	.7									1.6	3.4
WSW	.6	.1	.4									1.2	5.1
W	2.2	2.1	2.3	1.3	.1							8.1	6.6
WNW	1.3	1.2	2.3	1.2	.3							6.6	7.8
NW	1.0	1.3	2.3	2.3	.4							7.8	9.3
NNW	.4	.9	.6	1.6	.9	.6	.4					3.4	14.2
VARBL													
CALM												7.0	
	9.6	12.9	22.3	21.7	9.8	8.4	5.3	2.5	.3			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

37-66

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.3	1.6	1.3	.7						5.7	13.9
NNE	.1	.1	.4	1.5	.3	.3	.1					2.9	14.7
NE			.4	.9	.9	.7	.1					3.1	17.0
ENE			.3	.1	.6	.3	.1					1.5	18.3
E	.1	.1	.6	1.5	1.8	3.7	1.6	1.9	.7	.1		12.2	25.1
ESE	.3	.6	1.2	2.1	1.5	2.6	1.3					9.5	18.2
SE	1.6	3.2	4.0	3.5	1.5	.1						13.9	9.3
SSE	.6	2.1	3.4	1.2	.4							7.6	8.8
S	1.0	1.0	.9	.3	.1	.3						3.7	7.4
SSW	.1		.1	.1		.3						.7	14.6
SW	.4	.1	.1									.7	4.4
WSW	.6	.6	.6	.3								2.1	6.9
W	2.9	2.9	3.8	1.9	.4	.1						12.2	7.4
WNW	1.6	1.5	2.3	1.8	.3							7.5	8.1
NW	.6	1.5	1.6	2.2	.4	.3						6.6	10.2
NNW	.1	.4	1.5	2.3	1.2	.9	.3					6.7	15.0
VARBL													
CALM												3.4	
	10.4	14.8	22.6	21.3	10.4	10.4	3.7	1.9	.7	.1		100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE MWT OUT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CEAS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.5	3.4	2.4	.9						8.2	15.3
NNE		.3	.4	1.8		.7						3.2	14.1
NE		.3	.4	.6	.6	.9	.1					2.9	17.4
ENE	.1	.1	.3	.4	.1	.6	.1	.1				2.1	17.3
E		.3	.4	1.9	2.2	3.7	1.9	1.9	.7			13.0	24.4
ESE		.3	1.0	1.5	2.2	2.3	1.0					8.4	19.0
SE	2.2	2.6	4.4	2.8	1.9	.1						14.4	9.4
SSE	1.4	1.9	2.2	.7	.3	.3						6.6	7.9
S	1.4	.3	.6		.1	.1						2.3	6.4
SSW	.1		.3	.1	.1	.1						.9	12.5
SW	.1	.1		.1								.4	7.3
WSW	.3	.1	.4	.9		.1						1.9	10.5
W	2.2	2.5	3.7	.9	.6							10.0	7.3
WNW	2.2	1.6	4.8	1.8	.1							10.6	7.7
NW	.4	.6	1.8	1.3	.3	.1						4.5	10.0
NNW		.4	1.8	1.9	1.2	.7	.1					6.2	14.1
VARBL													
CALM												4.4	
	10.6	11.7	24.0	20.1	12.2	10.9	3.4	2.1	.7			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE NWT DOT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.2	3.7	3.4	.6	.1					9.5	14.7
NNE	.1		.6	2.2	.7	.3	.6					4.5	16.1
NE		.3	.6	.7	.4	.4	.1	.3				2.9	17.0
ENE		.1		.7	.1	.6	.1					1.8	18.1
E		.3	.4	2.8	2.8	3.7	2.2	.6	1.3			14.1	23.2
ESE	.3	.4	1.9	1.8	2.3	1.8	1.0	.1				9.7	17.1
SE	2.3	3.1	4.1	1.5	.7							11.7	7.7
SSE	1.3	1.0	1.3	1.6	.4							5.7	8.2
S	.7	.1	.4	.1	.1							1.6	7.0
SSW	.1				.3							.4	12.3
SW		.3	.1	.3		.1						.9	10.7
WSW	.1	.7	1.0	.3								2.2	7.4
W	2.1	1.3	2.3	1.5	.4							7.6	7.7
WNW	1.6	1.2	3.2	1.3								7.3	7.6
NW	2.6	1.0	1.9	.9	.6							7.0	7.1
NNW	.4	.4	1.9	1.3	1.0	.7	.1					6.6	13.7
VARBL													
CALM												6.3	
	12.0	10.9	21.1	20.7	14.1	8.2	4.4	1.0	1.3			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901 RESOLUTE NWT OUT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	2.1	4.0	1.0	.3	.1					8.9	12.0
NNE	.2	.1	.9	1.3	.9	.9	.3					4.7	13.4
NE		.1	.6	.6	.7	.4	.1					2.6	15.8
ENE	.1	.1	.1	.7	.7	.9	.3					3.1	18.8
E	.3	.9	.7	2.5	2.3	4.9	2.6	1.3	.4			14.1	21.9
ESE	.6	1.0	1.8	1.5	2.3	2.2	.9					10.3	16.0
SE	2.3	1.5	3.1	1.2	.6	.4						9.1	8.3
SSE	.4	.3	1.0	.7	.1							2.6	8.9
S	.7	.6	.6	.2								2.2	6.4
SSW	.4			.1								.6	5.3
SW	.6	.4	.9	.1								2.1	6.5
WSW	.1	.1	.1	.3								.6	10.3
W	4.1	.6	1.0	1.0	.4							5.1	7.5
WNW	1.8	1.3	2.3	1.0	.1							6.7	7.1
NW	4.8	2.1	2.2	.9	.4	.3						10.7	6.2
NNW	1.6	1.0	1.5	1.2	1.4	.4						7.2	11.3
VARBL													
CALM												9.4	
	10.0	11.0	18.9	17.4	11.7	8.8	4.4	1.3	.4			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	4.4	4.5	2.0	1.8	.3	.2				15.8	12.8
NNE	.3	1.1	1.4	2.7	1.5	1.1	.8					8.8	13.1
NE	.8	.8	2.7	4.1	1.8	.9	1.1					12.1	14.1
ENE	.2		.5	.9	.8							2.3	13.3
E	.3	.9	1.7	2.3	.9	.3	.2	.2				6.7	12.7
ESE	.5	.5	.5	.9	.3	.5						2.9	12.7
SE	.4	.2	1.4	1.2	.3							3.2	11.3
SSE	.3	.3	1.1	.8	.5	.3						3.2	12.1
S		.3	1.1	.9								2.4	9.4
SSW		.3	1.2	.8	.2	.2						2.6	10.9
SW	.8	.8	.2	.3								1.8	6.1
WSW	.8		.5	.5	.3	.3						2.3	12.5
W	.3	.3	1.4	.8	.2							3.2	8.9
WNW	.8	.8	.8	.8	.2							2.9	8.6
NW	2.4	1.1	2.9	2.5	2.7	.9						13.5	11.3
NNW	.8	1.1	2.1	2.7	3.0	.8						10.3	12.6
VARBL													
CALM												6.2	
	8.8	10.0	22.3	27.6	19.7	9.8	2.2	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.0	4.7	3.6	1.8	1.4	.5	.3				17.6	11.6
NNE	.8	1.4	2.0	1.7	.9	.9	.8					8.3	13.4
NE	.9	1.5	2.6	3.0	2.4	1.4	.6					12.6	13.7
ENE		.5	.8	.5	.5	.3	.2					2.6	12.8
E	.5	.3	1.1	1.1	1.1	.6			.3			4.8	15.5
ESE		.5	.5	1.2	.5	.2	.3					3.0	14.9
SE	.8	.6	1.8	.9	.8	.2						5.0	10.1
SSE	.2	.2	.6	.3			.3					1.5	13.1
S	.2	.3	.9	1.5	.9	.2						3.9	13.0
SSW		.5	.8	.2	.2							1.5	8.9
SW	.5	.6	.9	.6								2.4	8.1
WSW			.3	.5	.2							.9	12.0
W	.8	1.1	1.1	.2	.2							3.2	6.7
WNW	.5	.3	1.1	.8	1.1							3.6	11.7
NW	.6	1.8	2.7	4.5	2.9	.3						12.9	11.9
NNW	.9	1.4	2.1	3.9	1.2	.2						9.7	11.0
VARBL													
CALM												6.4	
	7.4	14.4	23.8	24.4	14.4	5.5	2.7	.3	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWY DOT APT
STATION STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.7	4.1	4.7	1.2	1.5						14.8	11.5
NNE	.8	.6	1.8	2.0	1.7	.9	.8					8.5	14.4
NE	1.7	1.5	2.0	2.8	1.4	1.5	.5					12.3	12.8
ENE	.2	.5	.8	.8	.6	.3	.3					3.3	14.5
E	.6	.2	.8	1.1	.8	.5	.2		.3			4.2	15.6
ESE	.8	.2	.6	1.5	1.1	.6	.3					4.5	15.5
SE	.5	.6	1.4	1.7	.5	.5	.2					5.2	12.2
SSE	.3	.9	.8	.2	.3							2.4	8.2
S	.2	.6	.8	1.4	.3	.2						3.5	11.2
SSW		.2	.3	.5	.2	.2						1.2	13.0
SW	.4	.2	.9	.5	.3							2.9	8.0
WSW	.2	.2	.5	.5	.2							1.4	9.6
W	.8	.9	.5	.5								2.6	6.5
WNW	.2	.9	.3	1.2	.8	.2						3.5	11.8
NW	1.1	1.1	2.3	4.2	1.7	.5						11.8	11.6
NNW	1.1	1.8	3.9	2.5	2.1	.3						12.7	11.1
VARBL													
CALM												5.2	
	9.6	12.0	22.6	27.7	12.4	1.0	2.1		.3			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DDT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	2.9	3.2	2.4	1.2		.2				14.4	12.8
NNE	.5	1.2	1.8	1.4	1.4	.9	1.1					8.2	14.9
NE	.5	.8	2.7	2.1	1.2	1.7						8.9	13.4
ENE	.2	.5	.8	1.4	.8	.5	.2					4.1	14.1
E	.8	.2	.5	1.4	1.4	1.1	.3		.3			5.8	17.0
ESE	.6		.9	.8	1.1	.3						3.6	13.3
SE	.5	.6	1.7	1.1	1.2	.8						5.6	13.2
SSE	.5	.5	.8	.5	.8	.2						3.0	11.3
S		.3	.5	.3	.8							1.8	12.8
SSW	.5	.3	.3	.2	.3							1.5	8.8
SW	.6	.8	.5	.3	.3	.3						2.7	9.3
WSW	.6	.3	1.1	.2		.2						2.3	7.7
W	1.5	1.2	.5	.6		.2						3.9	6.0
WNW	.5	.5	.3	2.0	.8	.5						4.2	13.5
NW	2.0	1.2	2.6	3.8	2.6	.2	.2					12.4	11.3
NNW	.3	2.4	3.3	2.7	1.5	.8						11.1	11.2
VARBL													
CALM												6.4	
	9.5	12.6	20.9	23.6	16.4	8.5	1.7	.2	.3			100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NAT DOT APT 57-66 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLAS
1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	4.4	2.7	1.4	1.4	.6					13.6	12.0
NNE	.5	.9	1.2	1.5	1.7	2.1	.3					8.2	13.4
NE	.3	.8	3.5	3.6	1.2	2.3	.2					11.8	13.5
ENE	.4		.3	.8	.6	.2						2.0	13.7
E	.4	.3	.5	.6	1.7	.6	.2	.2		.2		4.2	18.4
ESE	.4	.5	.5	1.1	.9	.6	.2					3.8	15.1
SE		.2	2.0	1.2	.2	.8	.3					4.3	14.5
SSE	.5	.9	.5	1.2	.5							3.5	10.2
S	.3	.6	.2	1.5	1.1	.2						3.8	12.6
SSW	.6	.5	.5	.5		.2						2.3	7.9
SW	.5	.2	.2	1.1	.5							2.3	11.9
WSW	.2	.5	.5	.8	.2	.3						2.3	11.9
W	1.5	.6	1.2	.6	.3							4.2	7.0
WNW	1.4	.8	1.2	1.5	.2	.2						5.2	8.8
NW	1.1	1.4	3.0	3.5	2.7	.3						12.0	11.6
NNW	.5	1.2	3.8	2.9	2.9	.9						12.1	12.9
VARBL													
CALM												4.2	
	8.6	11.4	23.2	22.0	15.8	9.8	1.7	.2		.2		100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901 RESOLUTE NWT DOT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	4.1	2.0	1.2	1.7	.5					12.4	12.5
NNE	.5	.8	2.4	1.5	1.7	1.1	.2					8.0	13.6
NE	.3	1.2	3.5	2.9	2.0	2.0		.5				12.3	14.4
ENE	.2	.6	1.2	.5	.2							2.6	8.7
E	.3		.5	1.4	1.4	.6		.2			.2	4.4	17.7
ESE	.2		.9	1.1	1.1	.5	.2					3.8	15.6
SE	.9	.6	1.2	2.1	.8	.8						6.4	11.9
SSE	.2	.3	.9	.9	.3							2.6	11.1
S	.3	.5	.2	.6	.6	.3						2.4	12.7
SSW			.5	.3	.6	.3						1.7	16.2
SW	.0	.5	.6	.8	.2							2.6	8.5
WSW	.9	.3	.6	.6	.5	.3						3.2	10.7
W	1.1	1.5	1.1	.8	.2							4.5	7.3
WNW	.5	.9	1.1	.2	.5							3.0	8.3
NW	.8	.9	3.0	3.8	2.4	.5						11.4	12.3
NNW	.8	1.4	2.7	4.7	3.0	1.2	.3					14.1	13.5
VARBL													
CALM												4.7	
	8.8	10.8	24.4	24.5	10.4	4.1	1.1	.6			.2	100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17901 RESOLUTE NPT DUT APT STATION NAME 57-66 YEARS SEP MONTH 1000-2000 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.4	3.8	3.2	1.4	1.7	.8					13.5	12.8
NNE	.5	.5	2.4	2.3	1.6	1.1	.5					8.2	14.5
NE	.6	.6	2.3	3.0	2.4	1.8	.3	.3				11.4	15.2
ENE		.6	.9	1.5	.6	.3						3.9	12.4
E	.5	.3	.9	.9	.6	1.2	.2	.2	.2			4.8	17.0
ESE	.5	.6	.9	1.2	.8							3.9	11.0
SE	.4	.9	1.7	1.1	.8	.3						5.6	10.2
SSE	.3	.2	.8	1.2		.5						2.9	11.9
S	.0	.3	.6	.5	.8	.3						3.0	11.3
SSW	.5	.3	.2	.5	.6							2.1	11.7
SW	.4	.5	.8	.5								1.8	8.6
WSW	.6	.2	.5	.6	.3	.3						2.6	10.5
W	1.1	.6	1.2	.6								3.5	6.8
WNW	.6	.8	1.1	.4	.2							3.6	8.0
NW	.5	1.1	3.2	3.8	2.4	.5						11.4	12.3
NNW	1.1	1.1	3.0	4.5	1.4	.6	.2					11.8	11.8
VARBL													
CALM												5.2	
	9.7	9.8	24.1	26.2	14.1	6.5	1.8	.5	.2			100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS SEP
MONTH
2100-2300
HOURS (L.E.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	4.4	3.6	2.1	1.2	.3					14.5	12.1
NNE	.5	.5	2.0	2.4	2.4	1.4	.3					9.4	14.8
NE	.8	.8	2.3	2.3	2.1	1.2	.8					10.2	14.8
ENE	.2	.3	.6	1.5	.9							3.5	13.2
E		.5	1.7	1.4	1.1	.8		.2				5.5	14.5
ESE	.5	.2	1.1	.9	.5	.3						3.2	12.2
SE	.8	.8	1.4	1.8	.6							5.3	10.0
SSE		.3	1.7	.5	.5	.3	.2					3.3	12.8
S	.5	.5	.8	.2	.3							2.0	8.7
SSW	.2	.2	.3	.9	.6							2.1	12.6
SW	.4	.3	.9	.6								2.7	6.4
WSW	.2	.8	.5	.5	.5							2.3	10.3
W	.8	.8	1.7	.6								3.8	7.0
WNW	.2	.3	.8	.5	.2							2.4	9.7
NW	1.8	1.2	3.9	4.8	1.8	.9						14.5	11.6
NNW	.4	.9	3.0	3.3	1.4	.8		.2				10.5	11.8
VARBL													
CALM												4.3	
	4.2	4.5	26.8	25.8	15.2	6.8	1.5	.3				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NAT DPT APT 57-66 YEARS OCT MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	4.6	3.0	1.1	1.5	.4	.3				14.9	11.9
NNE	.4	.4	.7	.3	.1	1.2	.4	.1				3.7	16.6
NE	.7		1.1	2.0	1.2	1.8	1.2	.5				8.6	19.0
ENE	.3		.6	.5	.5	.4						2.6	13.3
E	.8	.3	.3	.4	1.3	.5	.1	.4	.3			4.6	17.7
ESE	.4	1.4	.8	1.0	1.1	1.1	.5	.1				6.4	15.0
SE	.6	1.0	.4	2.3	1.0	.5	1.2	.1				7.4	15.6
SSE	.4	.3	1.4	.5	.4	.4	.3	.3				4.0	14.7
S	.1	.1	.8	.8	.1							2.0	10.8
SSW	.1	.4	.1	.4	.1	.4	.3					1.9	15.4
SW	.7	.5	.5	1.0	.5							3.3	9.8
WSW	.3	.3	.3	.4	.3	.3						1.8	11.9
W	1.1	1.1	.7	1.0								3.8	7.1
WNW	1.1	.3	1.2	.3	.3							3.7	8.0
NW	1.8	3.3	4.5	2.9	1.9	.7						15.0	10.1
NNW	2.3	1.9	2.7	1.9	1.1	.5						10.5	9.1
VARBL													
CALM												6.0	
	12.4	13.6	21.1	18.7	11.6	4.4	4.5	1.9	.3			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS 1967 MONTH 0300-0500
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	3.7	1.4	1.1	1.0	.4	.4				12.1	11.2
NNE	.8	.7	.7	.4	.5	1.4						4.5	13.0
NE	1.1	.4	1.1	2.5	1.1	1.0	1.5	.1				8.7	16.0
ENE	.4	.1	.1	.8	1.1	1.0	.1					3.7	16.6
E	.3	.8	.7	.5	.5	.5	.7	.1	.3			4.5	17.8
ESE	1.1	.7	.5	1.8	.7	1.8	.3					6.8	14.7
SE	.7	.3	1.9	1.8	1.5	.5	1.0	.3				7.9	15.6
SSE	.1	.1	1.2	.5	.5	.3	.1					2.7	12.7
S	.4	.3	.4	.5			.1					1.8	9.6
SSW	.5	.1	.7	.5	.1	.5						2.3	13.7
SW	.4	1.2	1.1	.5	.7	.3						4.2	10.3
WSW	.1	.1		.7	.5	.1						1.6	14.7
W	.7	.7	.8		.1							2.3	6.7
WNW	1.0	.4	.5	1.1	.1							3.1	8.4
NW	2.2	1.2	3.5	4.2	2.2	.5						13.9	11.0
NNW	2.2	2.6	2.9	2.3	1.5	1.0	.1					12.5	10.1
VARBL													
CALM												7.2	
	13.6	12.1	19.9	19.6	12.1	4.8	4.4	1.0	.3			100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

YEARS

OCT

0600-0800
MOON (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.0	2.3	1.9	1.1	.8					12.1	12.2
NNE	.7	.7	.3	.4	.8	1.0	.4	.1				4.4	15.8
NE	.7	1.6	1.1	1.2	1.2	1.5	.7	.5				8.6	15.5
ENE	.3	.3	.5	.4	1.0	1.0	.1	.1				3.7	16.9
E	1.2	.5	.4	.8	.4	.5	.1	.8				4.9	15.3
ESE	.8	.5	.4	1.0	1.9	.7	.4	.3				6.0	15.8
SE	1.2	.5	1.9	1.9	.7	1.2	.7	.1				8.3	14.0
SSE	.4	.7	1.1	.7	.4	.1						3.4	10.0
S	.1	.7	.1	.3		.1						1.4	8.8
SSW		.3	.1	1.2	.1	.1	.1					2.0	14.7
SW	.4	.4	.4	1.5	.3	.5	.3					3.8	15.9
WSW	.4	.1	.4	.5	.7	.1						2.3	12.7
W	.8	.1	1.1		.3	.1						2.5	8.3
WNW	.7	.5	.8	.5	.4	.1						3.1	9.6
NW	1.2	1.6	2.9	3.3	2.0	.4						11.4	11.1
NNW	3.0	2.0	2.7	3.5	1.5	.8	.1					13.8	10.2
VARBL													
CALM												8.3	
	13.4	12.9	16.3	19.6	12.5	9.5	3.8	2.0				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

UCT
MORTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.0	3.5	1.1	1.0	.8	.4	.1				11.2	10.3
NNE	.8	.1	.7	.4	1.4	1.2	.7	.1				3.4	17.6
NE	1.1	1.0	.5	2.5	.5	1.5	.7	.8				8.6	16.6
ENE	.4		.4	.7	.8	.5						2.9	14.7
E	.3		.3	1.5	1.0	1.1	.4	.5	.1			5.9	20.2
ESE	.3	.8	1.1	1.1	1.2	1.6	.3	.3				6.7	16.5
SE	.4	1.2	1.6	1.0	.8	1.2	.3	.1				6.9	14.5
SSE		.4	.7	.3	.4	.1	.1	.1				2.2	14.4
S	.5	.4	.5	.5		.3	.1					2.5	10.9
SSW	.1	.3	.3	.5	.7	.1						2.0	13.4
SW	.5	.4	.4	.8	.3	.3						2.7	10.7
WSW	.4	.4	.4	1.2	.7	.3						3.4	12.1
W	.5	.3	1.6	.7	.1	.3						3.5	9.8
WNW	.1	.1	1.0	1.0	.5							2.7	12.0
NW	2.2	1.2	4.1	2.3	1.2	.8						11.9	10.1
NNW	1.4	2.7	4.0	2.2	1.1	.5						11.9	9.6
VARBL													
CALM												9.7	
	11.3	11.4	21.1	17.7	12.4	10.8	3.3	2.2	.1			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

724

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OUT APT 57-66 001
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.T.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.6	3.0	2.2	1.0	.3	.8					11.2	10.3
NNE	.5	.3	.5	1.1	.8	1.1	1.0	.1				5.4	17.8
NE	.3	1.0	.7	1.2	.5	2.0	.8	.3				6.8	17.8
ENE	.3	.3	.5	.4	1.4	.3						3.1	13.4
E	.1	.8	1.0	1.0	1.0	.4	.7	.8	.1			4.9	21.1
ESE	.3	.8	1.2	2.3	1.8	1.1	1.0					8.4	16.0
SE	.3	.3	1.4	.7	1.2	1.8	.3	.4				6.8	16.5
SSE		.3	.7	.3	.3	.1	.1					2.0	12.9
S	.4		.5	.7	.4		.3					2.2	14.5
SSW	.1			.8	.5							1.5	13.7
SW	.4	.3	.7	.4	.1							2.2	8.4
WSW			.3	1.2	.5	.1						2.2	14.9
W	.1	.3	1.9	1.6								4.2	10.0
WNW	.3	.1	1.0	.4	.7	.1						2.6	11.9
NW	1.4	2.6	4.0	4.1	1.2	.5						13.8	10.2
NNW	3.1	2.5	3.3	2.7	1.8	1.0						14.3	9.6
VARBL													
CALM												8.3	
	9.9	11.2	20.4	21.4	13.2	8.9	4.9	1.6	.1			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

YEARS

UCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.6	3.4	2.3	1.4	1.0	.5	.1	.1			13.8	11.2
NNE	.4	.4	.5	.8	.4	.7	1.1					4.4	17.2
NE	.7	.9	.8	1.2	2.2	1.6	1.1	.1				8.3	17.5
ENE	.5	.7		1.1	1.0	.1		.1				3.5	13.4
E	.8	.8	.4	1.1	.5	.5	1.0	.5	.3			6.0	17.8
ESE	.1	.8	.5	1.6	.5	1.4	.5	.3				5.9	16.7
SE	.8	.8	1.0	1.2	1.5	1.4	.4	.4				7.5	15.6
SSE			.4	.4	.1	.8	.1					1.9	18.1
S	.3	.3	.7	1.1	.5	.3						3.1	12.8
SSW	.3		.2	.5	.5	.1						1.8	13.7
SW	.1	.2	1.0	.5								1.9	8.9
WSW	.3	.1	.4	.2	.4							1.5	10.5
W	.7	.7	.8	1.8	.5							4.5	10.5
WNW	.3	.5	.7	.7	.4	.1						2.7	10.4
NW	2.4	1.5	2.7	4.0	2.2	.7						14.4	10.2
NNW	2.7	3.0	3.3	3.3	1.0	.4						13.6	8.8
VARBL													
CALM												5.2	
	13.0	12.1	16.9	21.9	12.2	9.1	4.8	1.6	.4			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DUT APT

57-66

JCT

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

1800-2000

HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	4.6	3.4	1.5	1.0	.7	.7		.1		19.9	12.6
NNE	.8	.1	.5	.8	.1	1.1	.5	.4				4.5	18.0
NE	.1	.8	.7	2.5	1.0	1.9	2.2					9.1	19.1
ENE	.7	.3	.5	.5	1.1	.1						3.3	12.2
E	.5	.1	.1	.8	.7	.7	.8	.4	.3			4.5	21.7
ESE	.8	.5	.8	1.1	.8	1.2	.5	.3				6.1	16.0
SE	.4	.7	1.4	2.2	1.2	1.4	.4	.3	.1			8.3	16.5
SSE	.1		.4	.7	.1	.5			.3			2.2	18.4
S	.8	.1	.1	.8	.3	.4	.1					2.7	2.6
SSW	.4	.1	.1	.1	.1	.3						1.2	11.2
SW	.4		1.0	.8	.3	.4	.1					3.0	13.7
WSW	.1		.1	.3	.1							.7	10.4
W	.5	1.4	.4	.8	.8							4.0	9.5
WNW	.5	1.1	.7	.3	.3	.3						2.9	9.7
NW	2.9	2.2	4.1	3.1	1.9	.7						14.9	9.8
NNW	2.0	2.0	3.0	2.2	.7	.4						10.4	8.9
VARBL													
CALM												6.4	
	12.4	11.9	18.7	20.4	11.3	10.4	5.4	2.0	.7	.1		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OOT APT 57-66 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.0	4.4	3.1	.8	1.2	.3	.4	.1			14.2	11.8
NNE	.4	.3	.3	1.1	.8	.7	1.0					4.5	17.7
NE	.3	.1	1.0	1.9	.8	2.5	1.2	.4				8.2	19.7
ENE	.1	.4	.1	.4	1.0	.3	.1					2.5	19.1
E		.1	.5	.7	.4	.8	.7	.3				3.5	20.7
ESE	1.0	1.1	.1	1.4	.4	1.0	.8	.4	.3			6.4	16.9
SE	.7	1.4	1.3	2.3	1.1	1.4	.1	.3				8.7	14.0
SSE	.1	.4	.3	.5	.1	.1	.1	.1	.3			2.2	17.2
S	1.0	.1	.4	.3	.8	.4						3.0	11.3
SSW	.1	.3	.5	.4	.3	.3	.1					2.0	13.1
SW	.1	.5	.3	1.0	.4	.3						2.6	12.3
WSW	.1	.5		.8	.1							1.6	9.6
W	.8	.4	.8	.7	.3							3.0	8.3
WNW	.3	.7	.5	.8	.3	.1						3.0	9.5
NW	1.9	1.8	5.4	2.5	1.6	.7						13.9	10.0
NNW	2.9	2.0	3.8	2.6	1.4	.4						13.1	9.2
VARBL													
CALM												7.6	
	11.9	12.3	20.0	20.4	10.0	10.1	4.5	1.9	.7			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE MNT DUT APT
STATION STATION NAME

57-66

YEAR

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.7	1.2	1.2	.1						7.1	9.6
NNE	.9	.1	.3	.3	.7	.6	.6	.1				3.2	17.3
NE	1.0	.1	.7	1.4	2.4	4.4	1.4	.6				9.9	19.2
ENE	1.0	.3	.3	1.2	.8	.3	.1					4.0	11.8
E	.6	.6	1.2	1.4	1.5	1.1	1.8	.8	.3	.1	.4	9.9	22.0
ESE	1.4	1.7	1.7	1.8	.4	1.8	.8	.3	.1			10.0	14.3
SE	1.1	1.6	1.8	1.0	1.0	.3	.1	.1				7.2	10.3
SSE	.4	.1	.8	.3	.3							1.9	9.1
S	.6	.3	1.0	1.0	.3		.1					3.2	10.6
SSW	.4	.1	.1		.3							1.0	8.7
SW	.1	.1	.6	.1	.1							1.1	9.6
WSW	.2	.3	.1	.6								1.2	7.8
W	.6	.3	1.0	.1								1.9	6.6
WNW	.6	.7	.6	.6	.1							2.5	7.4
NW	2.2	3.5	4.2	1.7	1.0	.1						12.6	8.0
NNW	2.1	.6	1.8	1.8	1.1	.7						8.3	10.4
VARBL													
CALM												14.9	
	14.0	12.4	17.8	14.4	11.2	7.4	3.0	1.9	.4	.1	.4	100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901

STATION

RESOLUTE NWT DUT APT

STATION NAME

57-66

YEARS

NOV

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.1	1.4	2.8	1.0	.3	.1					8.3	10.5
NNE	.4	.6	.6		.6	.3	.3	.6				3.2	16.7
NE	.8	1.1	.8	1.4	2.1	2.2	1.0	.3				9.7	16.8
ENE	1.0	.1	.3	.6	.7	.6	.3					3.5	13.7
E	1.0	1.0	.3	1.5	1.7	1.4	.8	1.4	.4		.4	9.9	22.4
ESE	1.4	1.9	.8	1.7	1.4	1.4	.4	.1				9.2	13.1
SE	1.0	2.1	1.9	1.0	1.2	.1	.3	.1				7.8	10.4
SSE		.3	.4	.4	.3							1.4	11.1
S	1.0	.6	.3	.4	.4	.1						2.8	9.3
SSW	.3	.1	.3		.3	.1						1.1	11.6
SW			.8									.8	9.2
WSW	.3	.1		.4								.8	7.2
W	.4	.6	.6	.1	.1							1.8	6.8
WNW	.3	.8	.3	.3	.3							1.9	8.4
NW	1.7	2.8	4.7	3.1	1.4	.3						13.9	9.5
NNW	2.5	1.8	1.5	1.9	.1	.3						8.2	7.6
VARBL													
CALM												15.7	
	13.0	15.0	15.0	15.6	11.5	7.1	3.2	2.5	.4		.4	100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OUT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	2.1	1.1	.7	.8						7.4	10.0
NNE	.6	.6	.4	.4	.3	.3	.3	.1				2.8	13.8
NE	1.0	1.4	1.0	1.7	1.8	1.1	2.1					10.0	16.1
ENE	.4	.1		1.5	.8	.6	.4					3.9	16.3
E	1.1	.7	.7	1.8	2.2	1.1	.8	1.1	.8	.1	.3	10.8	21.7
ESE	1.2	.8	1.5	1.3	1.7	.4	1.3	.1				8.3	14.8
SE	1.4	1.9	2.4	.8	.8	.6	.3					8.2	9.7
SSE	.4		.1	.7	.1							1.4	9.7
S	.3	.7	.8	.8	.6							3.2	10.3
SSW	.1	.1		.1	.4							.8	13.3
SW	.3	.1	.1	.3	.1	.3						1.3	12.4
WSW	.3	.3	.8									1.4	7.0
W	.0	.3	.3	.1	.1							1.7	6.4
WNW	.4	.7	1.0									2.1	6.1
NW	2.3	3.1	4.2	3.2	1.4	.1						14.5	8.8
NNW	1.7	1.1	1.8	1.8	1.0	.3						7.6	9.6
VARBL													
CALM												14.6	
	13.4	13.1	17.2	15.7	12.1	2.6	3.1	1.4	.8	.1	.3	100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

719

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DOT APT
STATION

57-66
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	.6	1.5	1.5	.8	.3						7.1	9.1
NNE	.3	.7	.6	1.0	.1	.1	.1	.1				3.1	12.5
NE	1.2	1.0	.6	1.7	1.0	.6	1.2	.4				7.6	15.7
ENE	.4	.3	.3	1.7	1.4	.7						4.7	14.5
E	1.5	.7	1.4	.8	1.8	1.4	1.0	.7	.6	.3	.1	10.3	19.5
ESE	1.0	1.0	1.0	1.8	1.9	2.2	.7	.4				10.0	16.7
SE	1.2	1.1	2.5	1.5	.3	.3	.3					7.2	9.8
SSE	.1		.8	.4	.4							1.8	11.1
S	.6	.7	1.5	.6	.6	.1						4.0	9.4
SSW	.1	.3		.1	.4	.1						1.1	12.8
SW	.1	.3	.1	.1	.3							1.0	9.9
WSW	.1	.4	.1	.1								.8	7.0
W	1.1	.3	.6	.4								2.4	6.6
WNW	.0	.1	.8	.3	.3							2.1	8.5
NW	2.1	3.9	2.9	2.4	1.0							12.2	8.2
NNW	2.2	3.2	2.5	.8	.8	1.0						10.6	8.8
VARBL													
CALM												14.0	
	13.1	14.4	17.2	13.2	11.1	9.8	3.3	1.7	.6	.3	.1	100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS NOV MONTH
 1200-1400 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	2.6	1.5	.6	.8	.1					9.0	9.9
NNE	.8	.1	.6	.6	.4	1.4	.1	.1				3.6	17.9
NE	1.1	.6	1.1	1.2	1.2	.4	.7	.4				6.8	15.1
ENE	.8	.6	.6	1.1	1.4	.7	.1					4.7	14.6
E		.1	1.0	1.5	1.4	.8	1.1	1.2	.6	.6		8.3	25.0
ESE	1.1	.4	2.2	2.9	1.5	1.1	1.0	.3				10.6	14.8
SE	.1	.4	1.8	2.1	1.6	1.2	.3					7.8	14.2
SSE	.1	.3	.1	.8	.1							1.5	10.5
S	.6	.3	1.4	1.1	.8	.1						4.3	11.7
SSW		.1	.1	.3	.3	.1						1.0	14.9
SW	.6			.1								.7	4.8
WSW	.1	.1	.1		.1							.6	7.5
W	.4	.7	.8	.4								2.4	7.1
WNW	1.1	.9	.8	.4								2.9	6.1
NW	1.1	3.7	3.9	1.8	.4			.1				13.1	7.1
NNW	1.3	1.6	2.9	1.9	.3	.4						8.3	9.1
VARBL													
CALM												14.4	
	12.4	11.2	20.1	17.9	9.4	7.2	3.5	2.2	.6	.6		100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901 RESOLUTE NAT OUT APT

7-66

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.1	1.7	1.4	.5	1.0						6.9	10.2
NNE	.6	.3	.1	.7	.7	.6						3.3	16.0
NE	1.0	.4	1.0	1.5	1.2	1.7	1.1	.6	.1			8.6	17.9
ENE	.5	.3	1.0	1.4	.8	1.2						5.0	14.9
E	.8	.1	.8	1.9	1.0	1.2	.8	.4	.3	.7		8.2	21.1
ESE	.7	.8	2.2	1.8	1.4	2.2	1.0	.6				10.7	16.9
SE	.5	1.1	1.8	2.6	1.2	1.2	.3					8.6	13.8
SSE			.3	.1	.5	.1						.8	15.7
S		.7	.8	1.4	.6	.1	.1					3.7	12.4
SSW	.5			.6	.5							1.1	11.8
SW	.0	.1	.1	.1								1.0	6.0
WSW	.1	.3	.3	.1								.8	6.3
W	.4	.1	.7	.3								1.5	6.8
WNW	1.2	1.2	1.2	.4								4.2	6.0
NW	3.9	4.2	2.9	1.8	.8	.3						13.9	7.4
NNW	1.4	2.4	2.5	1.0	.1	.1	.1					7.6	7.7
VARBL													
CALM												13.9	
	13.1	13.2	17.5	17.2	6.1	4.9	3.9	1.5	.4	.7		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE WMT DUT APT 57-66 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.7	1.2	2.4	.6	.6	.3					6.7	11.7
NNE	.7	.1	.8	.7	.8	.3	.4	.1				4.0	14.3
NE	1.1	.3	.4	1.4	3.2	1.8	.8	.3	.3			9.6	18.5
ENE	.3	.3	1.1	1.5	.1	.7	.1					4.2	13.8
E	.7	.4	.7	1.7	.7	1.0	1.7	.7	.1	.4	.1	8.2	21.5
ESE	.6	1.2	2.4	1.5	1.9	2.6	1.4	.1	.3			12.4	16.9
SE	.5	1.1	1.2	1.5	1.4	.3			.1			6.5	12.3
SSE	.3	.3	.3	.1	.1							1.1	8.9
S	.4	.7	1.2	1.0	.1		.1	.1		.1		3.9	12.1
SSW	.1		.6	.3	.3							1.2	11.3
SW	.1	.4										.6	4.0
WSW	.1	.4	.6	.1								1.2	6.9
W	.3	.6	.3	.4								1.3	7.2
WNW	.6	.7	.8	.4								2.5	7.5
NW	3.3	3.9	3.7	1.4	.8	.3	.1					13.2	7.9
NNW	1.1	2.4	2.2	1.0	.1	.1	.1					7.1	8.3
VARBL													
CALM												16.1	
	11.6	13.1	17.6	15.4	10.3	7.6	3.1	1.4	.8	.6	.1	100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSNOV
MONTH2100-2300
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.0	2.1	1.4	.3	.3						6.7	8.5
NNE	.4	.1	.1	.1	1.1	.6	.3	.4				3.2	19.6
NE	1.4	.6	.7	1.8	2.1	1.7	1.5	.6				10.3	17.8
ENE	.6	.4	.4	1.9	.7		.6					4.9	12.9
E	1.1	.3	.7	1.5	1.4	2.4	.7	.8	.4	.6		9.9	21.5
ESE	.8	.8	1.8	1.5	1.2	1.9	1.0	.3				9.4	16.0
SE	1.1	1.2	1.4	1.2	1.4	.1	.1					6.7	10.9
SSE	.6		1.0	.4	.1							2.1	8.9
S		.6	1.7	.6	.6		.1	.1				3.6	12.4
SSW	.1	.1	.3	.4	.4				.1			1.5	14.5
SW	.3	.4	.3									1.0	5.9
WSW	.1	.1	.4	.3								1.0	8.9
W	.7	1.0	.3	.3								2.2	5.9
WNW	.4	.8	.1	.1								1.5	4.9
NW	1.4	2.2	3.6	2.4	1.1	.3						11.5	9.2
NNW	2.1	1.5	3.3	.6	.6	.6						8.6	8.4
VARBL												16.0	
CALM													
	13.6	11.2	18.2	14.6	11.0	7.8	4.3	2.2	.6	.6		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE INWT DDT APT 57-66 DEC
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.9	.5	.7	.8	.4	.1				7.1	11.5
NNE	.3	.1	.8	.8	.8	.5	.5	.3		.1		4.3	18.5
NE	.1	.1	.3	1.5	1.2	1.7	.5	.1				5.6	19.1
ENE		.3	.5	.4	.7	.3						2.2	13.6
E	.7	.1	1.1	.4	1.1	.9	.9	.8	.1			6.2	20.2
ESE	.6	.3	.9	1.5	2.3	1.9		.4	.3	.1		8.7	17.4
SE	1.5	.3	2.6	1.5	.5	1.1	.4	.3	.3			8.3	14.0
SSE	.9	.3	.7	.1	.3	.3			.1			3.0	9.9
S	.1	.4	.5	1.5	.7	.8		.1				4.2	15.6
SSW		.3	.3	.1	.1	.1	.1					1.1	14.3
SW	.3	.5	.8			.1		.1				1.9	10.0
WSW	.3			.3	.1							.7	9.4
W	.7	.7	1.1	.7								3.1	7.3
WNW	.3	2.2	1.3	.4								4.2	6.8
NW	3.6	2.4	5.2	2.6	.9	.7	.1	.1				15.7	8.9
NNW	1.0	1.2	3.0	1.9	.9	.8	.5					9.9	11.4
VARBL													
CALM												13.8	
	12.4	11.2	21.0	14.1	10.5	10.1	3.6	2.4	.8	.3		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWY DOT APT 57-66 DEC
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.3	1.5	.7	.9	.3					5.8	13.5
NNE	.5	.1	.5	.8	.5	1.2	.5	.1				4.4	17.5
NE	.8		.4	1.3	.3	2.2	1.2	.4				6.6	20.0
ENE	.4	.1	.1	.4	.3	.3	.4					2.0	13.5
E	.3	.3	.8	.8	.7	.9	.5	.3	.5	.3		9.4	22.3
ESE	.7	1.3	1.3	1.2	1.9	.9	.3	.5				8.2	19.1
SE	1.2	2.2	2.2	1.9	1.6	1.1	.5	.1				10.8	12.4
SSE	.4	.5	1.2	.4	.5	.1	.3	.1				3.6	12.8
S	.3	.4	.4	.7	.8	.7	.1					3.4	13.0
SSW	.3	.1		.5	.1	.1						1.2	12.0
SW	.5	.3	.7	.3		.3						2.0	8.9
WSW	.4	.1	.4	.3								1.2	7.6
W	.4	.4	1.1	.3								2.7	6.1
WNW	.8	1.3	1.3	.8								4.4	7.2
NW	2.0	3.2	3.2	3.6	1.1	.7						16.4	9.2
NNW	1.3	1.2	2.2	1.9	.5	.8	.7	.1				8.7	12.3
VARBL													
CALM												13.2	
	12.0	12.4	19.2	16.7	9.0	10.2	4.8	1.7	.5	.3		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT DOT APT 57-66 DEC
 STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0600-0800
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.7	1.6	.9	1.0	.5	.3	.3				6.7	13.7
NNE	.1	.1	.1	.5	.3	.4	1.2	.3				3.1	22.6
NE	.5	.4	.7	.7	.7	2.0	1.3	.1	.3			6.7	20.5
ENE	.3	.3	.3	.8	.3	.7						2.4	13.9
E	.4	.5	1.3	.8	1.1	.9	.7	.5	.7	.1		7.1	20.4
ESE	.3	.9	1.2	1.5	2.7	1.1	.3	.5				8.5	16.5
SE	.8	2.2	1.5	1.2	1.5	.7	.9	.1				8.9	13.3
SSE	1.1	.4	1.3	.5	.3	.3						3.9	8.8
S	.5	.4	.7	.7	.7	.3		.3	.1			3.6	14.7
SSW	.4	.3		.4	.1	.3	.3					1.7	14.5
SW	.1	.1	.1	.4	.1	.1						1.1	12.5
WSW	.5	.4	.1	.1	.1							1.3	7.0
W	.4	.7	.8	1.2	.3							3.9	8.2
WNW	.4	1.1	1.3	1.1	.1	.1						4.2	9.1
NW	2.0	2.2	3.2	3.4	1.2	.1	.3					12.9	9.5
NNW	.8	.7	3.4	2.6	.9	1.5	.8					10.6	13.9
VARBL													
CALM												13.1	
	10.0	11.3	17.8	16.8	12.0	4.0	6.1	2.2	1.1	.1		100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

743

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NVT UOT APT
STATION STATION NAME

57-66

YEARS

DEC

MONTH

0900-1100

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	1.2	.7	.8	1.1	.5	.1				6.2	14.2
NNE	.5	.5	.4	.5	.7	.2	.5	.3				3.5	16.3
NE	.3	.1	.5	1.1	1.1	1.5	.8	.3	.1			5.8	19.9
ENE	.3	.3	.5	.7	.1	.7	.1					2.7	14.9
E	.4	.4	1.3	1.3	.8	1.3	.5	1.2	.4	.1		7.9	20.5
ESE	.7	.4	1.1	1.3	2.2	1.9	.7	.1				8.5	17.0
SE	1.5	1.1	2.0	2.7	1.3	.8	.1					9.5	11.7
SSE			.5	.1		.1	.1					.9	15.4
S	.2	.4	.7	1.5	.5	.5	.1					4.0	13.2
SSW		.1			.5	.1						.8	17.2
SW	.7		.1	.4								1.2	6.9
WSW	.1	.1	.2	.4	.4	.2						1.6	14.1
W	1.1	.9	1.1	.7	.3							4.0	7.2
WNW	1.6	1.2	1.3	.1	.1							4.0	5.9
NW	2.2	2.6	4.6	3.8	.8	.3						14.2	9.0
NNW	1.6	.9	2.2	2.7	1.1	.8	.7	.3				10.2	12.8
VARBL													
CALM												14.8	
	11.8	9.7	17.9	18.0	10.9	9.7	4.2	2.3	.5	.1		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWI DOT APT

57-66

LEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.8	.5	.9	.9	.3					5.0	13.6
NNE	.1		.4	.5	.4	.8	.5	.3				3.1	21.2
NE	.3	.4	1.1	1.3	1.3	.9	.5	.3	.1			6.3	17.8
ENE	.1		.1	.9	1.1	.4	.4					3.1	17.8
E	.7	.1	1.2	.9	1.1	.8	.8	1.1	.9			7.7	22.2
ESE	.8	.3	1.7	1.9	1.5	1.6	.4	.3				8.5	15.3
SE	.9	1.9	1.5	1.6	1.3	1.1	.4	.3				9.1	13.2
SSE	.4	.3	.5	.8	.3	.1	.1					2.6	12.0
S	.1	.4	.1	.9	1.1	.3						3.0	13.6
SSW			.4	.1	.1	.3						.9	13.3
SW		.1		.1	.1	.3						.7	13.6
WSW	.3	.3	.3	.3	.1	.3						1.3	11.1
W	.3	.9	.8	.5	.4							3.0	9.1
WNW	1.2	.7	1.5	1.1	.5							3.0	8.5
NW	3.1	3.2	2.6	3.6	1.3	.3						14.1	8.7
NNW	1.9	1.6	2.6	2.3	.9	1.2	.4					10.9	11.1
VARBL													
CALM												15.7	
	10.9	11.0	13.6	17.6	12.8	4.3	3.9	2.2	1.1			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATION

RESOLUTE NWT OUT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	1.1	1.2	.4	.8	.4	.1				5.4	14.0
NNE		.3	.1	.7	.9	.9	.1	.4				3.5	20.2
NE	.7	.4	.9	1.7	.9	.8	.5	.1				6.2	15.4
ENE	.1	.3	.1	1.3	.9	.5	.3					3.6	15.9
E	.6	.1	.5	.7	.7	.5	1.3	.8	.4	.4		6.3	24.0
ESE	1.5	1.2	2.2	1.6	2.0	1.6	.5	.3				10.9	14.0
SE	1.0	1.5	1.6	1.2	1.1	1.3						8.3	11.5
SSE	.1	.3	1.1	.8		.4	.3					3.0	13.4
S	.7		.4	1.1	.9		.1					3.2	13.1
SSW	.3	.1	.3	.4	.1	.3	.1					1.6	13.4
SW	.5	.1		.1	.3							1.1	8.1
WSW	.3		.5	.1	.1							1.1	8.8
W	.3	.8	1.1	.3	.4							2.8	8.8
WNW	.6	.9	2.3	.5	.1							4.7	7.6
NW	2.3	3.1	2.3	3.4	1.5	.3	.1					12.9	9.4
NNW	2.2	2.4	3.0	2.3	.8	.9	.1					11.7	9.7
VARBL													
CALM												13.7	
	12.5	12.5	17.5	17.5	11.3	8.5	4.0	1.7	.4	.4		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901 RESOLUTE NWT OUT APT

57-66

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	1.7	1.3	.9	.7	.4					5.9	13.8
NNE	.3	.4	.1	.4	1.2	1.1	.1					3.6	17.1
NE	.7		.9	1.7	1.3	.9	.5	.3				6.5	16.5
ENE	.4	.3	.1	.4	.7	.3	.4					2.6	15.8
E	1.1	.4	.7	.9	.8	.4	.9	1.3	.4	.4		7.4	21.9
ESE	1.3	.4	1.3	2.3	1.6	1.7	.7					9.4	15.0
SE	1.5	1.6	1.7	1.2	.8	1.1	.3	.3				8.5	11.8
SSE	.5	.4	.8	1.1		.3		.1				3.2	11.8
S	.4	.1	.3	1.7	.4	.5						3.5	13.5
SSW	.1	.1	.8	.1		.1						1.3	9.8
SW	.3		.3		.1							.7	8.0
WSW	.1		.1	.1	.1	.1						.7	13.4
W	.7	1.2	.4	.4	.3							3.0	7.2
WNW	1.2	1.2	.9	.3	.3							3.9	6.7
NW	2.2	2.3	3.5	3.2	.8	.7						12.6	9.6
NNW	2.6	1.7	2.6	2.0	1.3	1.3		.1	.1			11.8	11.0
VARBL													
CALM												15.5	
	13.1	10.6	16.4	17.3	10.8	4.3	3.4	2.2	.5	.4		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17901
STATIONRESOLUTE BAY DDT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	2.0	1.9	1.6	1.1	.4	.3				8.7	13.9
NNE		.1	.3	.5	.5	.7	.3	.3				2.7	20.4
NE	.4	.1	.1	1.2	1.3	2.0	.5					6.0	18.5
ENE	.5		.4	.4	.5	.1						1.7	10.6
E	.2	.3	.4	.9	1.1	.7	1.6	.5	.1	.3	.1	6.6	22.7
ESE	1.1	.7	1.3	2.2	2.8	1.1	1.2	.3				10.6	16.1
SE	2.3	1.3	1.6	.5	.8	.1	.3	.4				7.4	10.0
SSE	.9	.4	.9	.4	.3							3.0	8.3
S	.1	.1	.5	.5	.9	.9	.3					3.5	17.1
SSW		.1	.3	.1								.5	8.5
SW	.1	.4	.4	.4								1.3	8.1
WSW		.3	.1		.1							.5	8.8
W	.9	.2	.7	.8	.3							3.2	8.0
WNW	1.6	1.2	1.2	.3	.1							4.0	6.1
NW	2.4	3.4	3.6	2.8	.8	.5	.1	.3				14.0	9.6
NNW	1.9	1.9	2.0	1.7	.8	1.3	.1	.3				10.1	11.5
VARBL													
CALM												16.0	
	13.4	11.8	16.0	13.1	11.4	8.6	4.8	2.2	.1	.3	.1	100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

17901 RESOLUTE NAT OUT APT 57-66 ALL
STATION STATION NAME YEARS MONTH
INSTRUMENT
CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	1.6	1.7	1.0	1.1	.5	.1	.0			7.3	14.3
NNE	.1	.2	.3	.4	.3	.6	.6	.3	.1	.0		2.8	21.2
NE	.2	.3	.4	.4	.4	.9	1.2	.6	.1			4.3	22.6
ENE	.1	.1	.2	.3	.3	.3	.1	.0	.0			1.4	16.8
E	.4	.1	.4	.8	1.1	1.8	1.9	1.0	.3	.0	.0	7.7	24.4
ESE	.3	.3	.8	1.5	1.8	2.6	1.4	.3	.1	.0		8.9	20.3
SE	.8	.9	2.2	2.4	1.6	1.5	.6	.1	.0			10.2	14.4
SSE	.3	.6	1.1	1.1	.6	.4	.1	.0				4.2	12.0
S	.5	.6	1.1	1.5	1.1	.5	.1	.0				5.4	12.9
SSW	.2	.2	.6	.8	.6	.3	.1					2.7	13.5
SW	.4	.3	.8	.7	.3	.1	.0					2.9	10.2
WSW	.4	.4	.8	.7	.3	.1						2.7	10.2
W	1.2	1.1	1.7	1.3	.5	.1						5.8	8.7
WNW	.7	.9	1.7	1.7	.6	.1	.0					5.8	10.2
NW	1.3	1.2	2.9	4.0	2.3	.9	.1					12.8	12.1
NNW	.0	.7	1.8	2.8	2.4	1.6	.3	.0				10.2	14.6
VARBL													
CALM												4.7	
	7.4	8.9	18.6	22.1	13.0	12.7	7.0	2.5	.3	.0	.0	100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 15401

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

GETTING VERSUS VISIBILITY

There is a planning part and a data part. Distribution by class of selling from zero to equal to or greater than 10,000 feet units is a separate class "no selling", versus visibility in 10 classes from zero to greater than 10 miles. Data are derived from hourly observations, and three sets of tables are prepared and printed.

1. 100000 - all years and all hours combined
2. 100000 - all years and all hours combined
3. 100000 - 8 standard 8-hour periods

In addition to this presentation, it is possible to determine the percentage frequency of sound by counting the number of coiling or visibility separately, or in combination of coiling and visibility. The coiling figures go to the right and downward. Coiling may be determined independently by re-figuring the data in the extreme right hand column. Also, visibility may be determined independently by re-figuring the vertical row of totals at the bottom of the page. The percentage frequency for which the coiling and visibility are being analyzed may also be determined from the figure at the intersection of the appropriate coiling and visibility row. Several examples in the use of these tables are shown below.

U.S. Navy stations did not report ceilings within the range 10,000 feet and higher prior to 1945. The first data for these stations using the earlier protocol and then subsequent to 1945 are shown in Table 1. Data ceilings to 10,000 feet. Short periods of record prior to 1945 are shown in parentheses. In the category for Air Force stations, the "no ceiling" category is used for the period 1945-1949, and ceilings above 10,000 feet for period through June 1949. The data for Air Force stations and January 1949 for USNB and U. S. Navy stations the "no ceiling" category is used for observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10, but more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING AND VISIBILITY TABLES IN THIS TRANSLATION

CEILING		VISIBILITY (STATUTE MILES)									
		1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6
1000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
900	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
800	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
700	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
600	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
400	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
300	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
200	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
100	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.0%.
Ceiling ≥ 500 feet = 90.3%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
SECRET
AIR FORCE RESEARCH AND DEVELOPMENT

CEILING VERSUS VISIBILITY

STATION NAME: 17400 VISUAL TOWER LIGHT WPT STATION NAME: 57-66 YEARS: 4LL
MONTH: 1LL
HOURS: 1LL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ 3/4	≥ 3/8	≥ 0
IV 20000	7.0	47.4	43.7	44.0	40.4	43.6	47.5	48.4	4.4	49.5	49.9	49.9	51.7	51.7	51.7
IV 18000	6.1	43.0	44.3	43.6	47.1	47.3	40.7	49.2	49.2	50.2	50.7	50.7	51.5	51.8	52.1
IV 16000	6.2	43.5	44.9	44.1	47.7	47.9	49.5	49.5	49.6	50.9	51.6	51.6	52.2	52.3	52.5
IV 14000	5.0	43.6	45.0	46.3	47.6	48.0	49.4	49.4	50.0	51.1	51.5	51.5	52.4	52.5	52.7
IV 12000	4.0	44.1	45.5	46.7	46.3	48.5	49.2	50.3	50.5	51.6	52.1	52.1	53.0	53.1	53.3
IV 10000	3.4	44.3	45.8	47.0	44.7	48.9	50.2	50.7	50.9	52.0	52.5	52.5	53.4	53.5	53.7
IV 9000	3.0	43.2	45.0	47.9	49.6	49.5	51.0	51.5	51.9	53.0	53.5	53.5	54.4	54.5	55.0
IV 8000	3.0	43.6	47.3	48.6	50.3	50.5	52.0	52.5	52.6	53.0	54.3	54.4	55.3	55.4	55.7
IV 7000	3.1	47.3	47.4	50.3	52.3	52.6	54.4	54.4	54.6	55.1	56.6	56.7	57.7	57.7	58.2
IV 6000	3.6	49.6	51.3	52.9	54.9	55.2	56.7	57.0	57.6	59.1	59.7	59.7	60.9	61.1	61.2
IV 5000	4.3	50.4	52.2	53.7	55.9	56.1	57.2	58.4	58.7	60.2	60.6	60.6	62.0	62.1	62.7
IV 4500	4.5	51.1	53.0	54.0	56.7	57.0	58.7	59.2	59.5	61.1	61.6	61.7	62.9	63.0	63.6
IV 4000	5.1	51.4	53.2	54.8	56.9	57.2	59.0	59.7	59.8	61.3	61.9	62.0	63.2	63.3	63.9
IV 3500	5.4	52.4	54.2	55.9	58.0	58.3	60.1	60.9	60.9	62.3	63.1	63.1	64.4	64.5	65.1
IV 3000	5.6	52.5	54.3	56.5	58.7	59.0	60.8	61.6	61.6	63.2	63.8	63.8	65.1	65.2	65.7
IV 2500	5.7	52.7	54.5	56.7	58.8	59.1	60.9	61.8	61.8	63.4	64.0	64.0	65.3	65.4	66.0
IV 2000	5.8	52.8	54.6	56.8	58.9	59.2	61.0	61.9	61.9	63.5	64.1	64.1	65.4	65.5	66.1
IV 1800	5.9	52.9	54.7	56.9	59.0	59.3	61.1	62.0	62.0	63.6	64.2	64.2	65.5	65.6	66.2
IV 1600	6.0	53.0	54.8	57.0	59.1	59.4	61.2	62.1	62.1	63.7	64.3	64.3	65.6	65.7	66.3
IV 1400	6.1	53.1	54.9	57.1	59.2	59.5	61.3	62.2	62.2	63.8	64.4	64.4	65.7	65.8	66.4
IV 1200	6.2	53.2	55.0	57.2	59.3	59.6	61.4	62.3	62.3	63.9	64.5	64.5	65.8	65.9	66.5
IV 1000	6.3	53.3	55.1	57.3	59.4	59.7	61.5	62.4	62.4	64.0	64.6	64.6	65.9	66.0	66.6
IV 900	6.4	53.4	55.2	57.4	59.5	59.8	61.6	62.5	62.5	64.1	64.7	64.7	66.0	66.1	66.7
IV 800	6.5	53.5	55.3	57.5	59.6	59.9	61.7	62.6	62.6	64.2	64.8	64.8	66.1	66.2	66.8
IV 700	6.6	53.6	55.4	57.6	59.7	60.0	61.8	62.7	62.7	64.3	64.9	64.9	66.2	66.3	66.9
IV 600	6.7	53.7	55.5	57.7	59.8	60.1	61.9	62.8	62.8	64.4	65.0	65.0	66.3	66.4	67.0
IV 500	6.8	53.8	55.6	57.8	59.9	60.2	62.0	62.9	62.9	64.5	65.1	65.1	66.4	66.5	67.1
IV 400	6.9	53.9	55.7	57.9	60.0	60.3	62.1	63.0	63.0	64.6	65.2	65.2	66.5	66.6	67.2
IV 300	7.0	54.0	55.8	58.0	60.1	60.4	62.2	63.1	63.1	64.7	65.3	65.3	66.6	66.7	67.3
IV 200	7.1	54.1	55.9	58.1	60.2	60.5	62.3	63.2	63.2	64.8	65.4	65.4	66.7	66.8	67.4
IV 100	7.2	54.2	56.0	58.2	60.3	60.6	62.4	63.3	63.3	64.9	65.5	65.5	66.8	66.9	67.5
IV 0	7.3	54.3	56.1	58.3	60.4	60.7	62.5	63.4	63.4	65.0	65.6	65.6	66.9	67.0	67.6

TOTAL NUMBER OF OBSERVATIONS

63731

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901

RESTRICTED 401 UNIT 421

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.0	49.6	52.0	54.2	57.1	58.0	60.7	62.3	62.4	63.9	67.3	67.4	69.9	70.0	71.3	71.8
≥ 20000	41.9	49.6	52.1	54.4	57.7	58.1	61.2	62.6	62.6	66.1	67.3	67.6	70.2	70.2	71.3	72.0
IV 18000	42.2	50.1	52.5	54.7	58.1	58.3	61.5	62.9	62.9	66.4	67.9	67.9	70.5	70.5	71.3	72.3
IV 16000	42.3	50.1	52.5	54.7	58.1	58.3	61.5	62.9	62.9	66.4	67.9	68.0	70.5	70.5	71.3	72.4
IV 14000	42.4	50.3	52.7	54.9	58.3	58.7	61.8	63.2	63.2	66.7	68.2	68.2	71.0	71.0	72.4	72.9
IV 12000	42.4	50.3	52.7	55.0	58.4	58.8	61.7	63.3	63.3	66.8	68.3	68.4	71.1	71.1	72.5	73.0
IV 10000	42.5	50.5	52.9	55.1	58.5	59.0	62.1	63.5	63.5	67.1	68.5	68.5	71.3	71.4	72.9	73.3
IV 9000	42.6	50.9	53.4	55.7	59.1	59.3	62.7	64.1	64.2	67.7	69.2	69.2	72.0	72.0	73.4	74.0
IV 8000	43.0	51.9	54.6	57.1	60.7	61.2	64.5	65.9	66.0	69.6	71.2	71.2	74.0	74.1	75.0	76.2
IV 7000	44.5	53.4	56.1	58.7	62.4	62.9	66.4	68.0	68.0	71.9	73.6	73.7	76.6	76.7	78.3	79.0
IV 6000	44.9	54.1	56.9	59.5	63.2	63.7	67.2	68.8	68.8	72.8	74.4	74.5	77.5	77.6	79.3	80.1
IV 5000	45.1	54.4	57.1	59.7	63.4	63.9	67.4	69.1	69.1	73.2	74.8	74.9	77.9	78.0	79.6	80.5
IV 4500	45.1	54.4	57.1	59.7	63.4	64.0	67.5	69.1	69.1	73.2	74.9	75.0	77.9	78.0	79.6	80.5
IV 4000	45.4	55.0	57.7	60.4	64.1	64.7	68.2	69.8	69.8	74.0	75.6	75.6	78.8	78.8	80.0	81.5
IV 3500	45.5	55.2	58.0	60.7	64.4	64.9	68.5	70.2	70.2	74.3	76.0	76.2	79.2	79.2	81.2	82.0
IV 3000	45.6	55.5	58.4	61.2	65.1	65.8	69.6	71.3	71.3	75.7	77.6	77.7	80.9	81.0	82.9	83.7
IV 2500	45.8	56.0	59.0	62.0	66.0	66.6	70.5	72.3	72.3	76.9	78.8	79.0	82.1	82.2	84.1	85.0
IV 2000	47.0	57.6	61.1	64.4	68.7	69.4	73.6	75.4	75.5	80.4	82.4	82.5	85.7	85.8	87.6	88.6
IV 1800	47.1	57.9	61.2	64.4	68.7	69.4	73.7	75.5	75.6	80.4	82.4	82.5	85.8	85.9	87.7	88.7
IV 1500	47.7	59.0	62.5	65.2	70.6	71.3	75.6	77.3	77.6	82.7	84.7	84.9	88.2	88.3	90.4	91.2
IV 1200	47.9	59.1	62.6	65.4	70.7	71.4	75.6	77.7	77.7	82.9	84.9	85.0	88.4	88.5	90.6	91.4
IV 1000	47.9	59.3	62.9	66.7	71.2	71.9	76.3	78.3	78.3	83.6	85.7	85.8	89.2	89.3	91.5	92.4
IV 900	47.9	59.3	62.9	66.7	71.2	72.0	76.4	78.4	78.5	83.8	85.9	86.0	89.7	89.8	91.9	93.0
IV 800	48.0	59.5	63.1	66.9	71.3	72.2	76.7	78.7	78.8	84.2	86.3	86.4	90.1	90.2	92.4	93.4
IV 700	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 600	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 500	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 400	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 300	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 200	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 100	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 0	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5

TOTAL NUMBER OF OBSERVATIONS

4935

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY OUT 401
STATION NAME

37-60
YEARS

1 to
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 to
HOURS (L.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	50.9	53.1	55.0	50.7	59.3	61.0	62.9	63.0	65.6	66.0	66.9	69.3	69.7	71.0	72.1
≥ 20000	43.1	51.4	53.6	56.2	59.4	59.6	62.3	63.4	63.5	66.2	67.3	67.5	69.9	70.2	71.0	72.7
≥ 18000	43.2	51.4	53.7	56.3	59.5	59.9	62.3	63.6	63.7	66.3	67.5	67.7	70.1	70.5	71.0	72.9
≥ 16000	43.3	51.5	53.8	56.4	59.7	60.1	62.4	63.7	63.8	66.5	67.7	67.8	70.3	70.6	72.0	73.1
≥ 14000	43.3	51.7	54.0	56.6	59.9	60.4	63.0	64.1	64.2	67.0	68.1	68.3	70.6	71.1	72.5	73.6
≥ 12000	43.5	51.8	54.1	56.7	60.0	60.5	63.2	64.3	64.4	67.2	68.3	68.5	71.0	71.3	72.7	73.8
≥ 10000	43.9	52.5	54.9	57.6	60.7	61.4	64.1	65.2	65.3	68.1	69.3	69.5	72.1	72.4	73.9	75.1
≥ 9000	44.3	53.0	55.4	58.2	61.7	62.2	64.7	66.1	66.1	69.1	70.3	70.4	73.2	73.5	75.0	76.2
≥ 8000	45.0	54.7	57.2	60.2	64.0	64.5	67.0	68.8	68.9	72.1	73.4	73.5	76.6	76.9	78.4	79.6
≥ 7000	46.0	55.4	59.1	62.4	66.0	67.2	70.5	71.8	71.9	75.0	77.1	77.3	81.3	81.6	83.2	84.6
≥ 6000	46.9	56.7	59.5	62.9	67.2	67.8	71.3	72.5	72.6	76.4	77.8	78.0	82.1	82.4	84.1	85.5
≥ 5000	47.0	56.9	59.6	63.0	67.4	68.0	71.4	72.6	72.9	76.6	78.1	78.3	82.4	82.7	84.3	85.8
≥ 4500	47.0	56.9	59.6	63.0	67.4	68.0	71.4	72.6	72.9	76.6	78.1	78.3	82.4	82.7	84.3	85.8
≥ 4000	47.2	57.2	60.0	63.4	67.9	68.5	71.9	73.3	73.4	77.3	78.7	78.9	83.0	83.4	85.0	86.5
≥ 3500	47.2	57.3	60.1	63.5	68.0	68.6	72.0	73.5	73.6	77.4	78.9	79.1	83.2	83.5	85.2	86.6
≥ 3000	47.3	57.7	60.6	64.1	68.6	69.2	72.1	74.2	74.3	78.1	79.6	79.8	84.0	84.3	86.0	87.5
≥ 2500	47.7	58.2	61.3	64.9	69.6	70.2	73.6	75.3	75.4	79.5	81.0	81.2	85.4	85.7	87.4	88.8
≥ 2000	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1800	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1500	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1200	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1000	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 900	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 800	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 700	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 600	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 500	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 400	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 300	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 200	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 100	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 0	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4

TOTAL NUMBER OF OBSERVATIONS

4311

DATA PROCESSING DIVISION
SAF ETAC
WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

17901 RESOLUTE PT JPL APT
STATION STATION NAME

57-66
YEARS

AK
MONTH

LL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	40.9	57.1	59.7	62.5	65.4	68.2	69.0	70.0	70.1	71.7	72.3	72.5	73.5	74.7	74.5	74.6
≥ 20000	47.1	57.3	60.0	62.0	66.2	66.6	68.4	70.4	70.5	72.2	73.0	73.0	73.9	74.1	74.7	75.1
IV 18000	47.5	57.7	60.5	63.3	66.7	67.1	69.9	70.8	70.9	72.7	73.0	73.4	74.6	74.8	75.7	75.9
IV 16000	47.5	57.6	60.5	63.4	66.7	67.1	69.9	70.9	71.0	72.8	73.0	73.6	74.7	74.9	75.9	75.9
IV 14000	47.0	58.2	61.0	63.9	67.3	67.7	70.0	71.6	71.7	73.6	74.5	74.5	75.6	75.8	76.7	76.9
IV 12000	47.8	58.6	61.5	64.4	67.9	68.3	71.2	72.3	72.4	74.4	75.3	75.3	76.4	76.6	77.5	77.7
IV 10000	48.2	59.2	62.1	65.0	68.0	69.0	71.9	73.0	73.1	75.2	76.1	76.1	77.2	77.4	78.3	78.4
IV 9000	48.2	59.3	62.3	65.2	68.9	69.3	72.2	73.4	73.5	75.6	76.5	76.5	77.7	77.9	78.9	79.1
IV 8000	49.0	60.6	63.0	66.8	70.5	71.1	74.5	75.7	75.9	78.1	79.1	79.1	80.7	81.0	82.1	82.4
IV 7000	49.5	62.0	65.3	68.6	73.0	73.5	77.3	78.8	79.0	81.5	82.5	82.5	84.5	84.8	86.2	86.5
IV 6000	49.7	62.5	65.9	69.3	73.8	74.3	78.2	79.9	80.0	82.7	83.9	83.9	86.1	86.4	87.8	88.4
IV 5000	49.9	62.6	66.2	69.6	74.1	74.6	78.5	80.2	80.3	83.0	84.2	84.2	86.4	86.7	88.1	88.8
IV 4500	49.9	62.6	66.2	69.7	74.2	74.7	78.6	80.2	80.4	83.0	84.2	84.2	86.5	86.8	88.2	88.6
IV 4000	49.9	62.6	66.4	70.0	74.5	75.1	79.0	80.6	80.8	83.5	84.7	84.7	86.9	87.2	88.6	89.4
IV 3500	50.0	63.0	66.5	70.0	74.7	75.2	79.2	80.9	81.1	83.8	85.0	85.1	87.3	87.6	89.1	89.7
IV 3000	50.2	63.4	66.9	70.6	75.4	76.0	80.1	81.9	82.1	84.8	86.0	86.1	88.6	88.9	90.4	91.1
IV 2500	50.3	63.5	67.1	70.9	75.8	76.4	80.5	82.3	82.5	85.3	86.6	86.6	89.1	89.5	90.9	91.6
IV 2000	50.6	64.1	67.7	71.7	76.7	77.3	81.0	83.4	83.7	86.6	87.9	88.0	90.6	91.0	92.5	93.2
IV 1800	50.6	64.1	67.7	71.7	76.8	77.4	81.7	83.5	83.8	86.7	88.0	88.0	90.6	91.0	92.5	93.7
IV 1500	50.7	64.4	68.0	72.1	77.3	78.0	82.4	84.4	84.6	87.8	89.3	89.3	92.0	92.4	94.0	94.6
IV 1200	50.8	64.4	68.0	72.2	77.5	78.1	82.6	84.6	84.8	88.0	89.5	89.6	92.3	92.7	94.4	95.1
IV 1000	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.0	85.3	88.9	90.5	90.6	93.4	93.9	95.7	96.4
IV 900	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.0	85.3	88.9	90.6	90.6	93.6	94.0	95.9	97.0
IV 800	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.0	85.3	89.0	90.7	90.8	93.7	94.2	96.1	97.2
IV 700	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.1	85.4	89.1	90.7	90.8	93.8	94.3	96.2	97.4
IV 600	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.1	85.4	89.2	90.8	90.9	93.9	94.5	96.5	97.7
IV 500	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	90.9	94.0	94.6	96.6	97.9
IV 400	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	90.9	94.0	94.7	96.7	98.0
IV 300	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.1	94.8	96.9	98.3
IV 200	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.2	94.8	97.0	98.0
IV 100	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.2	94.8	97.1	99.2
IV 0	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.2	94.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS

4950

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

KENDRICK AFB, MISSISSIPPI
STATION NAME

57-60
YEARS

PK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	51.2	59.8	62.3	64.0	66.0	67.3	69.0	70.9	71.0	72.0	72.4	72.5	72.6	72.7	72.9	73.0
≥ 20000	51.0	60.6	63.3	65.1	68.0	68.5	71.1	72.3	72.4	73.5	73.9	74.0	74.1	74.2	74.4	74.6
≥ 18000	52.1	61.3	63.7	65.8	68.0	69.3	72.2	73.4	73.6	74.8	75.2	75.2	75.5	75.6	75.7	76.1
≥ 16000	52.4	61.6	64.3	66.2	69.2	69.7	72.6	73.9	74.1	75.3	75.7	75.7	76.0	76.1	76.4	76.6
≥ 14000	53.1	62.4	65.2	67.1	70.1	70.6	73.0	74.9	75.1	76.4	76.8	76.9	77.2	77.2	77.6	77.8
≥ 12000	53.2	62.6	65.3	67.3	70.4	71.0	73.9	75.4	75.6	76.9	77.4	77.5	77.8	77.9	78.2	78.5
≥ 10000	53.9	63.1	65.9	67.9	71.1	71.8	74.6	76.4	76.5	78.0	78.5	78.6	78.9	79.0	79.3	79.6
≥ 9000	54.0	63.7	66.0	68.6	71.4	72.5	75.0	77.2	77.4	78.9	79.5	79.6	79.9	79.9	80.3	80.6
≥ 8000	54.0	64.8	66.1	70.3	73.4	74.5	77.9	79.7	79.8	81.5	82.2	82.4	82.6	82.7	83.1	83.3
≥ 7000	55.1	65.5	66.9	71.2	75.3	76.0	79.7	81.7	81.9	84.4	85.3	85.4	85.9	86.0	86.5	87.0
≥ 6000	55.3	65.8	69.3	71.6	75.9	76.6	80.4	82.6	82.7	85.4	86.4	86.5	87.0	87.1	87.7	88.2
≥ 5000	55.4	66.0	69.5	71.8	76.2	76.9	80.8	83.0	83.1	85.8	86.8	86.9	87.4	87.5	88.1	88.6
≥ 4500	55.4	66.1	69.6	71.9	76.3	77.0	80.9	83.1	83.2	85.9	86.9	87.0	87.5	87.6	88.3	88.8
≥ 4000	55.6	66.4	69.9	72.3	76.7	77.5	81.4	83.6	83.7	86.5	87.5	87.6	88.1	88.2	89.0	89.5
≥ 3500	55.7	66.5	70.1	72.5	77.1	77.9	81.9	84.1	84.2	87.0	88.0	88.1	88.6	88.7	89.5	90.1
≥ 3000	56.0	66.9	70.7	73.2	78.0	78.9	83.0	85.3	85.4	88.6	89.7	89.8	90.4	90.5	91.4	92.0
≥ 2500	56.1	67.2	71.0	73.5	78.6	79.5	83.6	86.1	86.3	89.6	90.6	90.7	91.4	91.5	92.4	93.0
≥ 2000	56.6	67.6	71.6	74.5	79.8	80.8	85.1	87.8	88.0	91.5	92.5	92.7	93.3	93.4	94.4	95.1
≥ 1800	56.7	67.9	71.8	74.6	79.9	80.9	85.3	88.0	88.2	91.6	92.7	92.8	93.5	93.6	94.5	95.2
≥ 1500	56.8	68.1	72.0	74.9	80.2	81.3	85.6	88.3	88.8	92.4	93.6	93.8	94.5	94.6	95.6	96.3
≥ 1200	56.8	68.3	72.2	75.1	80.5	81.5	86.0	88.9	89.1	92.8	94.0	94.2	94.9	95.0	96.0	96.7
≥ 1000	56.9	68.4	72.3	75.2	80.7	81.7	86.4	89.4	89.7	93.4	94.7	94.9	95.8	96.0	97.0	97.7
≥ 900	56.9	68.6	72.3	75.3	80.7	81.8	86.4	89.5	89.8	93.5	94.8	95.0	95.9	96.1	97.1	97.8
≥ 800	56.9	68.6	72.3	75.3	80.8	81.8	86.5	89.6	89.8	93.6	95.0	95.2	96.2	96.4	97.4	98.5
≥ 700	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.7	95.1	95.3	96.3	96.5	97.5	98.7
≥ 600	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.2	95.4	96.4	96.6	97.7	98.9
≥ 500	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.5	96.7	97.9	99.1
≥ 400	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.5	96.7	97.9	99.1
≥ 300	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.5	96.8	97.9	99.2
≥ 200	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.6	96.8	98.0	99.3
≥ 100	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.6	96.8	98.0	99.4
≥ 0	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.5	96.6	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

4800

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NASC DILL APT
STATION NAME

57-66
YEARS

11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4.11
HOURS (L & T)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	33.0	40.1	40.6	41.2	41.3	41.9	42.4	42.5	42.5	42.9	43.0	43.1	43.4	43.4	43.7	43.9
IV 20000	39.1	41.3	41.7	42.5	43.1	43.2	43.7	43.9	43.9	44.2	44.3	44.4	44.8	44.8	45.0	45.2
IV 18000	37.0	42.0	42.5	43.2	43.3	43.9	44.4	44.6	44.6	45.0	45.1	45.2	45.0	45.6	45.0	46.1
IV 16000	39.6	42.7	42.8	43.4	44.0	44.1	44.7	44.8	44.8	45.4	45.5	45.5	46.0	46.0	46.4	46.5
IV 14000	40.3	42.8	43.4	44.1	44.7	44.8	45.4	45.5	45.5	46.0	46.2	46.2	46.7	46.7	46.7	47.2
IV 12000	40.7	43.2	43.8	44.6	45.2	45.3	45.8	46.0	46.0	46.6	46.7	46.7	47.2	47.2	47.4	47.7
IV 10000	41.6	43.4	44.5	45.2	45.8	45.9	46.5	46.7	46.7	47.2	47.4	47.4	47.9	47.9	48.1	48.4
IV 9000	41.6	44.4	45.1	45.8	46.5	46.6	47.1	47.3	47.3	47.9	48.1	48.2	48.6	48.7	48.9	49.1
IV 8000	42.8	45.8	46.6	47.3	48.0	48.1	48.8	49.1	49.1	49.7	49.9	50.0	50.5	50.5	50.7	51.0
IV 7000	43.1	46.5	47.5	50.4	51.3	51.3	52.3	52.6	52.6	53.3	53.3	53.6	54.2	54.3	54.5	54.8
IV 6000	45.8	49.5	50.6	51.5	52.5	52.6	53.5	53.8	53.8	54.6	54.9	54.9	55.6	55.6	55.9	56.1
IV 5000	40.5	50.3	51.4	52.4	53.4	53.5	54.4	54.8	54.8	55.6	55.6	55.7	56.6	56.6	56.8	57.1
IV 4500	40.7	50.5	51.6	52.6	53.6	53.8	54.7	55.0	55.0	55.9	56.1	56.2	56.9	56.9	57.1	57.4
IV 4000	47.8	51.7	52.8	53.9	54.9	55.1	56.1	56.4	56.4	57.3	57.5	57.8	58.3	58.4	58.6	58.9
IV 3500	48.8	52.8	54.0	55.1	56.2	56.3	57.4	57.7	57.7	58.6	58.8	58.9	59.6	59.7	59.9	60.2
IV 3000	51.3	55.6	56.8	58.1	59.4	59.6	60.7	61.1	61.1	62.1	62.3	62.4	63.1	63.2	63.4	63.7
IV 2500	53.9	58.7	60.1	61.4	62.8	63.0	64.2	64.7	64.7	65.9	66.2	66.3	67.1	67.2	67.5	67.7
IV 2000	57.3	62.4	64.0	65.4	67.0	67.4	68.5	69.4	69.4	70.8	71.2	71.4	72.3	72.3	72.7	73.0
IV 1800	58.3	63.7	65.3	66.8	68.3	68.7	70.2	70.8	70.8	72.2	72.6	72.8	73.7	73.7	74.1	74.4
IV 1500	61.9	64.0	65.9	67.5	73.3	73.7	75.4	76.1	76.1	77.7	78.2	78.4	79.3	79.4	79.7	80.0
IV 1200	63.2	69.9	72.0	73.7	75.6	76.0	77.7	78.5	78.5	80.2	80.7	80.9	82.0	82.0	82.4	82.7
IV 1000	66.7	74.5	76.6	78.4	80.8	81.3	83.3	84.3	84.4	86.2	86.8	87.1	88.2	88.3	88.7	89.1
IV 900	67.6	75.4	77.6	79.4	81.9	82.4	84.4	85.3	85.3	87.4	88.0	88.3	89.5	89.5	90.0	90.3
IV 800	68.1	76.5	78.6	80.6	83.2	83.7	85.8	86.9	86.9	88.9	89.5	89.8	91.0	91.2	91.6	91.9
IV 700	68.5	76.9	79.2	81.2	83.7	84.3	86.5	87.5	87.6	89.5	90.2	90.5	91.8	91.9	92.4	92.8
IV 600	69.0	77.7	80.0	82.0	84.5	85.1	87.4	88.4	88.5	90.4	91.1	91.4	92.8	92.9	93.5	93.9
IV 500	69.4	78.2	80.6	82.6	85.3	85.9	88.2	89.3	89.4	91.5	92.2	92.6	94.0	94.2	94.8	95.2
IV 400	69.7	78.6	81.0	83.1	85.8	86.4	88.9	90.0	90.1	92.2	93.0	93.4	95.0	95.2	95.8	96.3
IV 300	70.1	79.1	81.6	83.7	86.5	87.1	89.6	90.8	90.8	93.2	94.0	94.4	96.1	96.3	97.0	97.7
IV 200	70.2	79.3	81.8	83.9	86.8	87.4	89.9	91.2	91.2	93.7	94.6	95.0	96.8	97.0	97.8	98.7
IV 100	70.3	79.3	81.8	84.0	86.9	87.5	90.0	91.3	91.3	93.9	94.7	95.1	97.1	97.3	98.3	99.4
IV 0	70.3	79.3	81.8	84.0	86.9	87.5	90.0	91.4	91.4	93.9	94.8	95.2	97.2	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3453

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1/7/61
STATION

STATION NAME

37-60

YEARS

MONTH

LL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.1	32.6	32.7	32.8	32.9	32.9	33.1	33.2	33.2	33.3	33.4	33.4	33.6	33.6	33.7	34.0
≥ 20000	32.7	33.2	33.4	33.5	33.6	33.6	33.8	33.8	33.8	34.0	34.1	34.1	34.3	34.3	34.4	34.7
IV 18000	33.0	34.3	34.5	34.6	34.7	34.7	34.9	35.0	35.0	35.2	35.3	35.3	35.4	35.4	35.6	35.8
IV 16000	33.4	34.4	34.6	34.7	34.7	34.9	35.0	35.1	35.1	35.3	35.4	35.4	35.6	35.6	35.7	36.0
IV 14000	34.4	35.6	35.8	35.9	36.1	36.1	36.3	36.4	36.4	36.6	36.7	36.7	36.9	36.9	37.0	37.3
IV 12000	35.1	35.8	36.0	36.2	36.4	36.4	36.5	36.6	36.6	36.8	36.9	36.9	37.1	37.1	37.3	37.6
IV 10000	36.0	36.6	36.9	37.0	37.2	37.2	37.3	37.3	37.5	37.5	37.8	37.9	38.1	38.1	38.2	38.5
IV 9000	36.8	37.6	37.8	38.0	38.2	38.2	38.4	38.5	38.5	38.8	38.9	38.9	39.0	39.1	39.2	39.5
IV 8000	38.3	39.3	39.6	39.8	40.0	40.0	40.2	40.3	40.3	40.6	40.7	40.7	40.8	40.9	41.0	41.3
IV 7000	41.6	42.5	42.9	43.0	43.2	43.2	43.3	43.3	43.5	43.8	43.9	43.9	44.1	44.2	44.3	44.6
IV 6000	43.1	44.0	44.4	44.6	44.8	44.8	45.0	45.1	45.1	45.4	45.5	45.5	45.7	45.7	45.9	46.2
IV 5000	43.7	44.6	45.1	45.2	45.3	45.3	45.7	45.8	45.8	46.1	46.2	46.2	46.4	46.4	46.6	46.9
IV 4500	43.8	44.8	45.2	45.4	45.6	45.6	45.7	46.0	46.0	46.3	46.4	46.4	46.6	46.6	46.7	47.0
IV 4000	43.7	45.7	47.1	47.3	47.6	47.6	47.7	48.0	48.0	48.3	48.4	48.4	48.6	48.6	48.8	49.1
IV 3500	46.4	47.4	47.9	48.1	48.4	48.4	48.7	48.8	48.8	49.1	49.2	49.2	49.4	49.4	49.6	49.9
IV 3000	48.1	49.3	49.8	50.1	50.4	50.4	50.7	50.8	50.8	51.1	51.2	51.2	51.4	51.4	51.6	51.9
IV 2500	50.0	51.3	51.8	52.1	52.4	52.4	52.6	52.9	52.9	53.2	53.3	53.3	53.6	53.6	53.7	54.0
IV 2000	53.2	54.7	55.3	55.7	56.1	56.1	56.6	56.8	56.8	57.1	57.2	57.2	57.4	57.4	57.6	57.9
IV 1800	53.3	55.2	55.7	56.2	56.6	56.7	57.1	57.3	57.3	57.6	57.8	57.8	58.0	58.0	58.2	58.5
IV 1500	57.9	60.2	60.9	61.5	62.2	62.4	63.0	63.3	63.3	63.7	63.8	63.8	64.1	64.1	64.3	64.6
IV 1200	61.0	64.0	64.8	65.3	66.3	66.3	67.3	67.6	67.6	68.2	68.3	68.3	68.6	68.6	68.8	69.1
IV 1000	67.4	71.1	72.1	72.9	74.2	74.4	75.4	75.9	75.9	76.6	76.8	76.8	77.1	77.1	77.3	77.6
IV 900	68.4	72.2	73.2	74.0	75.3	75.3	76.6	77.1	77.2	77.9	78.1	78.1	78.3	78.4	78.6	78.9
IV 800	70.8	74.7	75.7	76.7	78.2	78.3	79.7	80.2	80.3	81.1	81.3	81.3	81.5	81.6	81.8	82.1
IV 700	72.2	76.5	77.6	78.6	80.2	80.3	81.7	82.3	82.4	83.3	83.5	83.5	83.8	83.9	84.1	84.4
IV 600	73.3	78.1	79.2	80.4	82.0	82.4	83.7	84.3	84.3	85.7	85.9	85.9	86.3	86.4	86.6	86.9
IV 500	74.8	79.3	80.7	82.0	83.8	84.2	85.9	86.5	86.7	88.3	88.6	88.6	89.1	89.2	89.4	89.9
IV 400	75.2	80.4	81.7	83.1	85.1	85.5	87.1	88.0	88.2	90.0	90.4	90.5	91.1	91.3	91.5	92.2
IV 300	76.0	81.7	83.2	84.7	86.9	87.4	89.1	90.3	90.3	92.3	93.0	93.1	93.9	94.1	94.0	95.3
IV 200	76.3	82.3	83.8	85.3	87.7	88.2	90.1	91.3	91.7	93.9	94.3	94.6	95.6	95.8	96.0	97.8
IV 100	76.6	82.5	84.1	85.6	88.1	88.6	90.7	92.1	92.3	94.7	95.3	95.4	96.7	96.9	97.8	99.6
IV 0	76.6	82.5	84.1	85.6	88.1	88.6	90.7	92.1	92.3	94.7	95.3	95.4	96.7	97.0	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS

3279

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT HNT WPT
STATION NAME

57-66
YEARS

JUL
MONTH

LL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	32.0 33.7	33.0 34.1	33.2 34.3	33.3 34.4	33.3 34.4	33.3 34.4	33.4 34.5	33.5 34.6	33.5 34.6	33.7 34.8	33.7 34.8	33.7 34.8	33.8 35.0	33.8 35.0	33.9 35.0	34.0 35.1	
IV 18000 16000	34.5 34.5	35.0 35.0	35.2 35.2	35.2 35.3	35.3 35.4	35.3 35.4	35.4 35.5	35.5 35.6	35.5 35.6	35.7 35.7	35.7 35.8	35.7 35.8	35.9 35.9	35.9 35.9	35.9 35.9	36.1 36.1	
IV 14000 12000	35.2 35.0	35.6 36.2	35.9 36.5	35.9 36.5	36.0 36.6	36.0 36.6	36.1 36.7	36.2 36.8	36.2 36.8	36.4 37.0	36.4 37.0	36.4 37.0	36.5 37.2	36.5 37.2	36.6 37.2	36.7 37.4	
IV 10000 9000	37.4 38.0	37.8 38.1	38.1 38.3	38.1 38.3	38.3 38.3	38.3 38.4	38.4 38.5	38.5 38.5	38.5 38.7	38.7 38.7	38.7 38.7	38.7 38.9	38.9 38.9	38.9 38.9	38.9 38.9	39.1 39.1	
IV 8000 7000	42.2 43.5	42.7 46.2	42.9 46.4	43.0 46.5	43.1 46.6	43.1 46.6	43.2 46.7	43.3 46.8	43.3 46.8	43.5 47.0	43.5 47.0	43.6 47.1	43.7 47.2	43.7 47.2	43.8 47.3	43.9 47.4	
IV 6000 5000	46.7 48.0	47.4 48.7	47.7 49.0	47.7 49.0	47.9 49.2	47.9 49.2	48.0 49.3	48.1 49.4	48.1 49.4	48.3 49.6	48.4 49.7	48.4 49.7	48.5 49.8	48.5 49.8	48.5 49.9	48.7 50.0	
IV 4500 4000	48.8 50.6	49.5 51.4	49.7 51.6	49.8 51.7	49.9 51.9	49.9 51.9	50.0 52.0	50.2 52.1	50.2 52.1	50.4 52.3	50.4 52.4	50.4 52.5	50.6 52.5	50.6 52.5	50.6 52.6	50.8 52.7	
IV 3500 3000	51.8 55.1	52.6 57.0	52.8 58.2	52.9 58.3	53.1 58.5	53.1 58.5	53.2 58.6	53.4 58.8	53.4 58.8	53.6 57.1	53.7 57.2	53.7 57.2	53.8 57.3	53.8 57.3	53.9 57.4	54.1 57.6	
IV 2500 2000	57.6 60.7	58.6 61.9	58.8 62.3	58.9 62.4	59.2 62.7	59.2 62.7	59.3 62.8	59.5 63.0	59.5 63.0	59.9 63.5	60.0 63.6	60.0 63.6	60.2 63.8	60.2 63.8	60.3 63.9	60.5 64.1	
IV 1800 1500	61.2 63.4	62.3 65.4	62.7 65.6	62.8 65.8	63.1 66.3	63.1 66.3	63.3 66.5	63.5 66.7	63.5 66.7	63.9 67.2	64.1 67.4	64.1 67.4	64.2 67.7	64.2 67.7	64.3 67.9	64.6 68.0	
IV 1200 1000	64.9 68.1	66.5 70.3	67.0 70.8	67.2 71.2	67.6 71.6	67.6 71.6	67.7 71.8	68.0 72.3	68.0 72.3	68.6 73.1	68.6 73.4	68.6 73.4	68.8 73.8	68.8 73.8	69.1 74.1	69.5 74.4	
IV 900 800	68.7 70.2	71.0 72.6	71.5 73.4	71.7 73.8	72.6 74.5	72.7 74.5	72.9 74.9	73.2 75.2	73.2 75.2	74.0 76.0	74.3 76.4	74.4 76.4	74.8 76.9	74.8 76.9	75.1 77.2	75.3 77.5	
IV 700 600	71.1 71.9	74.0 74.9	74.6 75.5	75.0 75.9	75.8 76.8	75.9 76.8	76.2 77.4	76.6 77.6	76.6 77.6	77.5 78.6	77.9 79.0	77.9 79.1	78.4 79.7	78.4 79.7	78.7 80.1	79.0 80.5	
IV 500 400	72.7 73.0	76.1 77.2	76.8 78.1	77.3 78.6	78.4 79.9	78.4 79.9	78.9 80.0	79.3 81.1	79.4 81.1	80.6 82.4	81.1 83.1	81.2 83.2	82.0 84.1	82.1 84.3	82.8 85.1	83.2 85.8	
IV 300 200	74.6 75.5	78.5 79.4	79.7 80.6	80.2 81.3	81.8 82.9	81.9 83.0	82.6 83.9	83.1 84.5	83.2 84.6	84.9 86.6	85.8 87.7	86.0 87.0	87.3 89.5	87.5 89.7	88.5 91.5	89.7 94.0	
IV 100 0	75.4 75.4	79.6 79.6	80.9 80.9	81.6 81.6	83.4 83.4	83.5 83.5	84.5 84.5	85.2 85.2	85.3 85.3	87.6 87.6	88.7 88.7	88.9 88.9	90.9 91.2	91.2 91.5	93.4 94.2	97.3 100.0	

TOTAL NUMBER OF OBSERVATIONS 3456

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

17903
STATION

RESOLUTE PT AFB APT
STATION NAME

57-66
YEARS

MONTH

66
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.2	21.0	21.7	21.7	21.1	21.9	21.9	21.9	21.9	22.0	22.1	22.1	22.5	22.5	22.4	22.7
≥ 25000	22.3	22.0	22.8	22.7	23.0	23.0	23.1	23.2	23.2	23.4	23.5	23.5	23.6	23.6	23.5	24.1
IV 18000	23.0	23.0	23.7	23.7	23.1	23.8	24.0	24.1	24.1	24.2	24.3	24.3	24.7	24.7	24.9	25.0
IV 16000	23.2	23.7	23.8	23.7	24.0	24.0	24.1	24.2	24.2	24.4	24.5	24.5	24.8	24.8	25.0	25.1
IV 14000	23.5	24.1	24.1	24.1	24.3	24.3	24.4	24.5	24.5	24.7	24.8	24.8	25.1	25.2	25.3	25.4
IV 12000	24.1	24.7	24.7	24.8	24.9	24.9	25.1	25.2	25.2	25.3	25.4	25.4	25.8	25.8	25.7	26.1
IV 10000	25.0	26.5	26.6	26.7	26.8	26.8	27.0	27.1	27.1	27.3	27.4	27.4	27.8	27.8	28.0	28.1
IV 9000	26.7	27.5	27.6	27.7	27.9	27.9	28.1	28.2	28.2	28.3	28.5	28.5	28.9	28.9	29.1	29.2
IV 8000	28.9	29.7	29.9	30.0	30.2	30.2	30.4	30.5	30.5	30.7	30.8	30.8	31.2	31.2	31.4	31.6
IV 7000	32.0	33.3	33.5	33.7	33.9	33.9	34.1	34.2	34.2	34.4	34.5	34.5	34.9	34.9	35.1	35.3
IV 6000	33.1	34.4	34.6	34.9	35.1	35.1	35.3	35.4	35.4	35.6	35.7	35.7	36.1	36.1	36.3	36.5
IV 5000	34.9	36.3	36.6	36.8	37.0	37.0	37.2	37.4	37.4	37.6	37.7	37.7	38.1	38.1	38.3	38.5
IV 4500	35.5	37.0	37.2	37.5	37.7	37.7	37.9	38.0	38.0	38.2	38.4	38.4	38.8	38.8	39.0	39.2
IV 4000	37.1	38.6	38.9	39.1	39.4	39.4	39.6	39.7	39.7	39.9	40.0	40.0	40.4	40.5	40.7	40.9
IV 3500	37.9	39.5	39.3	40.1	40.3	40.3	40.5	40.7	40.7	40.9	41.0	41.0	41.4	41.5	41.7	41.9
IV 3000	40.2	42.8	43.1	43.5	43.5	43.8	44.1	44.3	44.3	44.5	44.7	44.7	45.1	45.1	45.3	45.6
IV 2500	43.4	45.6	46.0	46.4	46.9	46.9	47.2	47.4	47.4	47.6	47.8	47.8	48.2	48.2	48.5	48.7
IV 2000	47.1	49.9	50.5	50.9	51.5	51.5	51.9	52.1	52.1	52.4	52.6	52.6	53.0	53.1	53.3	53.6
IV 1800	47.5	50.4	50.9	51.4	52.0	52.0	52.4	52.6	52.6	52.9	53.1	53.1	53.5	53.5	53.8	54.1
IV 1500	52.9	56.7	57.5	58.2	59.0	59.1	59.6	59.8	59.8	60.1	60.3	60.3	60.8	60.8	61.2	61.5
IV 1200	55.1	59.4	60.3	61.0	62.1	62.2	62.7	62.9	62.9	63.3	63.4	63.5	64.0	64.0	64.3	64.7
IV 1000	60.2	65.4	66.7	67.6	68.9	69.0	69.7	69.9	69.9	70.4	70.6	70.7	71.2	71.3	71.6	72.0
IV 900	60.7	65.9	67.4	68.3	69.6	69.8	70.5	70.7	70.7	71.2	71.4	71.4	72.0	72.1	72.4	72.9
IV 800	62.5	68.4	70.0	71.0	72.4	72.6	73.4	73.6	73.6	74.2	74.4	74.5	75.1	75.2	75.5	76.0
IV 700	63.6	69.8	71.5	72.6	74.1	74.3	75.1	75.3	75.4	75.9	76.2	76.3	77.0	77.1	77.4	77.9
IV 600	64.9	71.4	73.2	74.6	76.2	76.3	77.3	77.6	77.6	78.2	78.5	78.6	79.4	79.4	79.9	80.4
IV 500	65.8	73.0	74.9	76.4	78.3	78.5	79.7	80.1	80.1	80.9	81.4	81.4	82.3	82.4	83.0	83.6
IV 400	67.0	74.5	76.6	78.3	80.3	80.5	82.2	82.6	82.7	83.7	84.3	84.3	85.5	85.6	86.4	87.1
IV 300	67.8	75.5	77.9	79.9	82.5	82.6	84.0	85.2	85.3	86.8	87.6	87.7	89.3	89.4	90.9	91.8
IV 200	68.5	76.4	79.0	81.2	84.0	84.3	86.7	87.6	87.6	89.5	90.5	90.6	92.8	93.0	94.6	96.3
IV 100	68.5	76.6	79.5	81.5	84.5	84.7	87.2	88.1	88.2	90.3	91.4	91.5	93.8	94.0	96.2	98.6
IV 0	68.5	76.6	79.5	81.5	84.5	84.7	87.2	88.1	88.2	90.3	91.4	91.5	93.9	94.1	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3435

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTS OF 1000 HOURS
STATION NAME

57-66
YEARS

11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.1	23.1	23.4	23.5	23.6	23.7	23.7	23.9	23.9	24.1	24.1	24.1	24.4	24.4	24.4	24.7
≥ 20000	22.3	23.9	24.2	24.3	24.6	24.7	24.8	24.9	24.9	25.1	25.1	25.2	25.4	25.4	25.6	25.7
≥ 18000	23.0	24.2	24.4	24.6	24.9	24.9	25.1	25.2	25.2	25.4	25.4	25.4	25.7	25.7	25.9	25.9
≥ 16000	23.0	24.2	24.4	24.6	24.9	24.9	25.1	25.2	25.2	25.4	25.4	25.4	25.7	25.7	25.9	25.9
≥ 14000	23.2	24.5	24.7	24.8	25.2	25.2	25.4	25.4	25.4	25.6	25.6	25.7	25.7	25.9	26.2	26.2
≥ 12000	23.4	24.6	24.7	25.0	25.4	25.4	25.5	25.6	25.6	25.8	25.8	25.9	26.1	26.1	26.3	26.4
≥ 10000	24.4	25.8	26.0	26.2	26.5	26.6	26.7	26.8	26.8	27.0	27.1	27.1	27.3	27.3	27.6	27.7
≥ 9000	25.2	26.7	27.0	27.1	27.4	27.5	27.7	27.7	27.7	28.0	28.0	28.0	28.3	28.3	28.5	28.6
≥ 8000	27.4	29.0	29.3	29.5	29.8	29.8	30.1	30.1	30.1	30.4	30.4	30.4	30.7	30.7	30.9	31.0
≥ 7000	29.5	31.3	31.7	32.0	32.3	32.4	32.6	32.7	32.7	33.0	33.0	33.0	33.3	33.3	33.5	33.7
≥ 6000	32.5	34.5	35.0	35.4	35.8	35.9	36.2	36.3	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4
≥ 5000	34.5	36.6	37.1	37.4	37.8	37.9	38.2	38.3	38.3	38.7	38.8	38.8	39.1	39.1	39.3	39.4
≥ 4500	36.5	38.6	39.1	39.4	39.8	39.9	40.2	40.3	40.3	40.7	40.8	40.8	41.1	41.1	41.3	41.4
≥ 4000	38.5	40.6	41.1	41.4	41.8	41.9	42.2	42.3	42.3	42.7	42.8	42.8	43.1	43.1	43.3	43.4
≥ 3500	40.5	42.6	43.1	43.4	43.8	43.9	44.2	44.3	44.3	44.7	44.8	44.8	45.1	45.1	45.3	45.4
≥ 3000	42.5	44.6	45.1	45.4	45.8	45.9	46.2	46.3	46.3	46.7	46.8	46.8	47.1	47.1	47.3	47.4
≥ 2500	44.5	46.6	47.1	47.4	47.8	47.9	48.2	48.3	48.3	48.7	48.8	48.8	49.1	49.1	49.3	49.4
≥ 2000	46.5	48.6	49.1	49.4	49.8	49.9	50.2	50.3	50.3	50.7	50.8	50.8	51.1	51.1	51.3	51.4
≥ 1800	48.5	50.6	51.1	51.4	51.8	51.9	52.2	52.3	52.3	52.7	52.8	52.8	53.1	53.1	53.3	53.4
≥ 1500	50.5	52.6	53.1	53.4	53.8	53.9	54.2	54.3	54.3	54.7	54.8	54.8	55.1	55.1	55.3	55.4
≥ 1200	52.5	54.6	55.1	55.4	55.8	55.9	56.2	56.3	56.3	56.7	56.8	56.8	57.1	57.1	57.3	57.4
≥ 1000	54.5	56.6	57.1	57.4	57.8	57.9	58.2	58.3	58.3	58.7	58.8	58.8	59.1	59.1	59.3	59.4
≥ 900	56.5	58.6	59.1	59.4	59.8	59.9	60.2	60.3	60.3	60.7	60.8	60.8	61.1	61.1	61.3	61.4
≥ 800	58.5	60.6	61.1	61.4	61.8	61.9	62.2	62.3	62.3	62.7	62.8	62.8	63.1	63.1	63.3	63.4
≥ 700	60.5	62.6	63.1	63.4	63.8	63.9	64.2	64.3	64.3	64.7	64.8	64.8	65.1	65.1	65.3	65.4
≥ 600	62.5	64.6	65.1	65.4	65.8	65.9	66.2	66.3	66.3	66.7	66.8	66.8	67.1	67.1	67.3	67.4
≥ 500	64.5	66.6	67.1	67.4	67.8	67.9	68.2	68.3	68.3	68.7	68.8	68.8	69.1	69.1	69.3	69.4
≥ 400	66.5	68.6	69.1	69.4	69.8	69.9	70.2	70.3	70.3	70.7	70.8	70.8	71.1	71.1	71.3	71.4
≥ 300	68.5	70.6	71.1	71.4	71.8	71.9	72.2	72.3	72.3	72.7	72.8	72.8	73.1	73.1	73.3	73.4
≥ 200	70.5	72.6	73.1	73.4	73.8	73.9	74.2	74.3	74.3	74.7	74.8	74.8	75.1	75.1	75.3	75.4
≥ 100	72.5	74.6	75.1	75.4	75.8	75.9	76.2	76.3	76.3	76.7	76.8	76.8	77.1	77.1	77.3	77.4
≥ 0	74.5	76.6	77.1	77.4	77.8	77.9	78.2	78.3	78.3	78.7	78.8	78.8	79.1	79.1	79.3	79.4

TOTAL NUMBER OF OBSERVATIONS 5240

CEILING VERSUS VISIBILITY

STATION: DATE: 27-66 YEAR: 66 MONTH: LL
 HOURS: PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
≥ 2700	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 2700	37.2	37.5	37.8	37.7	37.5	37.4	37.3	37.2	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 18000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 16000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 14000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 12000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 10000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 9000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 8000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 7000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 6000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 5000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 4500	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 4000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 3500	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 3000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 2500	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 2000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 1800	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 1500	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 1200	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 1000	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 900	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 800	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 700	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 600	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 500	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 400	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 300	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 200	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 100	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5
≥ 0	37.0	37.4	37.7	37.6	37.4	37.3	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5

TOTAL NUMBER OF OBSERVATIONS

5712

ATC PROCESSING DIVISION
 5010 ETAC
 101 EASTERN AVENUE

CEILING VERSUS VISIBILITY

STATION
 17901

RESUBSTITUTE 10101 API

27-66

YEARS

MONTH

LL

HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	27.7	54.9	56.8	57.7	58.9	60.2	60.7	60.6	61.7	62.1	62.1	63.3	63.6	63.7	63.7
≥ 20000	53.6	27.7	55.2	57.1	59.0	59.2	60.6	61.1	61.1	62.1	62.4	62.5	63.7	63.8	64.4	64.1
IV 18000	63.0	23.5	55.5	57.7	59.6	59.9	61.4	61.8	61.8	62.8	63.2	63.3	64.5	64.6	64.7	64.9
IV 16000	63.0	24.0	55.3	57.8	59.7	60.0	61.5	61.9	61.9	62.9	63.3	63.4	64.6	64.7	65.1	65.0
IV 14000	66.1	23.7	55.9	57.9	59.9	60.1	61.7	62.1	62.1	63.2	63.6	63.6	64.9	64.9	65.1	65.3
IV 12000	66.1	24.7	56.0	58.0	60.0	60.2	61.8	62.1	62.1	63.2	63.7	63.7	64.9	65.0	65.2	65.3
IV 10000	65.5	24.3	56.0	58.6	60.6	60.9	62.5	62.8	62.8	64.0	64.4	64.5	65.7	65.8	66.2	66.1
IV 9000	66.0	24.6	56.9	59.0	61.0	61.3	62.9	63.3	63.3	64.5	65.0	65.0	66.3	66.4	66.7	66.7
IV 8000	67.9	26.0	56.5	60.9	63.1	63.5	65.3	65.7	65.7	67.1	67.7	67.7	69.0	69.4	69.4	69.4
IV 7000	66.0	27.5	60.4	62.9	65.0	66.0	67.2	68.4	68.4	70.1	70.6	70.7	72.1	72.1	72.5	72.5
IV 6000	69.0	27.9	60.0	63.4	66.1	66.6	68.5	69.0	69.0	70.7	71.2	71.3	72.7	72.9	73.3	73.3
IV 5000	69.4	28.5	61.0	64.2	67.0	67.4	69.4	69.9	69.9	71.6	72.1	72.1	73.7	73.9	74.3	74.3
IV 4500	69.4	28.7	61.0	64.3	67.1	67.6	69.5	70.0	70.0	71.8	72.3	72.3	74.0	74.1	74.5	74.5
IV 4000	69.9	29.5	62.7	65.3	68.2	68.6	70.6	71.1	71.1	72.8	73.4	73.4	75.0	75.2	75.6	75.6
IV 3500	70.3	29.9	63.2	65.8	68.7	69.2	71.2	71.7	71.7	73.4	74.0	74.0	75.7	75.8	76.2	76.2
IV 3000	71.5	31.6	64.9	67.6	70.6	71.2	73.2	73.8	73.8	75.5	76.1	76.1	77.8	78.1	78.4	78.4
IV 2500	72.7	63.6	67.2	70.0	73.2	73.9	76.1	76.7	76.7	78.6	79.2	79.2	81.0	81.1	81.5	81.5
IV 2000	74.0	67.0	70.8	73.8	77.3	78.0	80.5	81.0	81.0	83.0	83.6	83.7	85.4	85.5	86.0	86.0
IV 1800	74.9	67.5	71.3	74.3	77.8	78.5	80.8	81.5	81.5	83.5	84.2	84.3	86.0	86.1	86.5	86.6
IV 1500	76.0	68.7	74.0	77.3	81.0	81.8	84.5	85.1	85.1	87.3	88.0	88.1	89.9	90.0	90.5	90.7
IV 1200	76.6	70.5	75.3	78.7	82.4	83.3	85.8	86.6	86.6	88.8	89.5	89.5	91.4	91.5	92.1	92.2
IV 1000	76.5	73.6	78.6	82.3	86.4	87.2	90.1	91.0	91.1	93.4	94.2	94.2	96.2	96.4	96.9	97.0
IV 900	78.6	74.1	78.9	82.5	86.5	87.5	90.5	91.4	91.4	93.8	94.6	94.6	96.6	96.8	97.3	97.4
IV 800	79.7	74.3	79.1	82.8	87.2	88.2	91.2	92.1	92.2	94.5	95.3	95.4	97.4	97.6	98.2	98.2
IV 700	78.2	74.4	79.2	83.0	87.4	88.3	91.4	92.3	92.3	94.8	95.6	95.6	97.7	97.8	98.4	98.5
IV 600	76.8	74.5	79.3	83.0	87.4	88.3	91.4	92.4	92.4	94.8	95.6	95.7	97.7	97.9	98.5	98.5
IV 500	76.8	74.5	79.3	83.1	87.5	88.4	91.5	92.5	92.5	95.1	95.9	96.0	98.0	98.2	98.7	98.8
IV 400	74.6	74.5	79.3	83.1	87.6	88.5	91.5	92.6	92.6	95.2	96.0	96.0	98.1	98.2	98.9	99.0
IV 300	76.0	74.5	79.3	83.1	87.6	88.5	91.5	92.6	92.7	95.2	96.0	96.0	98.2	98.3	99.0	99.0
IV 200	76.0	74.5	79.4	83.1	87.6	88.6	91.7	92.7	92.7	95.2	96.1	96.1	98.2	98.4	99.1	99.1
IV 100	76.0	74.5	79.4	83.1	87.6	88.6	91.7	92.7	92.7	95.2	96.1	96.1	98.2	98.4	99.1	99.2
IV 0	76.0	74.5	79.4	84.1	87.6	88.6	91.7	92.7	92.7	95.2	96.1	96.1	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

27-7

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 12-01-2001 BY 60322 UCBAW

CEILING VERSUS VISIBILITY

STATION	STATION NAME
1701	1701

27-60

YEAR:

4.1.
MONTH

2.95

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

SPEED FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
IV	25000	70.1	70.1	60.0	62.5	64.4	64.7	60.0	67.5	67.6	65.8	69.4	69.5	70.6	70.4	71.5	71.5
IV	20000	70.1	70.1	60.0	62.5	64.4	64.7	67.1	67.7	67.7	69.0	69.6	69.9	70.4	71.7	71.4	71.5
IV	18000	70.3	70.1	60.0	62.5	64.4	64.7	67.5	67.9	69.2	69.8	69.8	69.8	71.0	71.0	71.5	71.5
IV	16000	70.4	70.2	61.0	62.9	64.4	65.2	67.4	68.0	68.1	69.3	69.9	70.7	71.1	71.3	71.5	71.5
IV	14000	70.5	70.4	61.2	63.1	65.2	65.5	67.7	68.3	68.3	69.6	70.4	70.8	71.3	71.3	72.0	72.0
IV	12000	70.5	70.5	61.4	63.3	65.3	65.6	67.8	68.4	68.5	69.8	70.3	70.4	71.5	71.7	72.0	72.0
IV	10000	70.9	70.8	62.3	64.2	66.3	66.6	68.8	69.3	69.3	70.8	71.3	71.4	72.5	72.7	73.2	73.2
IV	9000	71.2	70.6	62.7	64.6	66.4	67.1	69.2	70.0	70.0	71.3	71.9	71.9	73.0	73.2	73.6	73.6
IV	8000	71.7	71.3	63.4	65.3	67.7	67.9	70.2	70.8	70.8	72.1	72.7	72.7	73.9	74.0	74.5	74.7
IV	7000	72.4	72.0	64.4	67.2	69.3	69.9	72.2	72.9	72.9	74.3	74.9	75.1	76.3	76.4	77.1	77.3
IV	6000	72.8	72.3	65.4	67.8	70.3	70.6	72.9	73.5	73.6	75.0	75.7	75.7	77.0	77.3	77.8	77.9
IV	5000	73.4	73.0	66.0	68.4	71.0	71.3	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	4500	73.5	73.1	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.9	76.5	76.5	77.9	78.2	78.7	78.7
IV	4000	73.6	73.2	66.0	68.5	71.0	71.7	73.9	74.6	74.6	76.1	76.7	76.7	78.2	78.5	78.9	78.9
IV	3500	73.7	73.6	66.0	69.5	72.2	72.5	74.9	75.6	75.6	77.1	77.7	77.7	79.2	79.4	80.0	80.0
IV	3000	74.2	73.9	66.5	71.1	74.0	74.4	76.9	77.5	77.6	79.1	79.7	79.7	81.2	81.4	82.3	82.3
IV	2500	75.1	74.7	67.5	72.8	75.7	76.1	78.9	79.5	79.6	81.0	81.6	81.7	83.2	83.4	84.4	84.4
IV	2000	76.2	75.8	72.7	75.7	78.4	79.3	81.9	82.7	82.8	84.4	85.1	85.2	86.8	87.1	87.7	88.1
IV	1800	76.3	76.0	73.0	76.0	79.2	79.7	82.3	83.2	83.2	84.8	85.5	85.6	87.2	87.6	88.4	88.4
IV	1500	76.5	76.7	74.1	78.1	81.5	82.0	83.5	85.9	85.9	87.7	88.4	88.5	90.4	90.4	91.3	91.9
IV	1200	76.5	77.2	75.4	78.5	82.2	82.7	83.0	85.7	85.7	88.5	89.3	89.4	91.3	91.7	92.8	92.9
IV	1000	76.9	76.1	76.4	79.8	83.5	84.1	87.1	88.4	88.4	90.5	91.3	91.4	93.7	94.0	94.9	95.3
IV	900	76.9	76.1	76.5	79.8	83.5	84.1	87.1	88.5	88.5	90.5	91.4	91.5	93.8	94.2	95.1	95.5
IV	800	76.9	76.1	76.5	79.8	83.5	84.1	87.1	88.7	88.7	90.8	91.6	91.9	94.3	94.6	95.6	96.0
IV	700	76.9	76.1	76.5	79.8	83.5	84.1	87.1	88.7	88.7	90.9	92.0	92.1	94.5	94.8	95.0	95.2
IV	600	76.9	76.2	76.5	79.8	83.5	84.4	87.7	88.8	88.8	91.1	92.3	92.4	94.8	95.1	96.1	96.5
IV	500	76.9	76.3	76.6	80.0	83.8	84.4	87.8	88.9	88.9	91.3	92.6	92.7	95.2	95.5	96.7	97.2
IV	400	76.9	76.3	76.6	80.0	83.8	84.5	87.8	89.0	89.0	91.4	92.6	92.7	95.4	95.8	96.9	97.3
IV	300	76.9	76.3	76.6	80.0	83.8	84.5	87.8	89.0	89.0	91.4	92.6	92.7	95.6	96.1	97.3	97.8
IV	200	76.9	76.3	76.6	80.0	83.8	84.5	87.8	89.0	89.0	91.5	92.6	92.9	95.8	96.2	97.3	98.4
IV	100	76.9	76.3	76.6	80.0	83.8	84.5	87.8	89.0	89.0	91.5	92.6	93.1	95.9	96.3	97.8	99.1
IV	0	76.9	76.3	76.6	80.0	83.8	84.5	87.8	89.0	89.0	91.5	92.6	93.0	96.0	96.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

AFIP PROCESSING DIVISION
534 ETC
U.S. WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

1/501

STATION NAME

57-00

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
1-5000	1-5000	62.5	50.0	52.9	55.6	59.0	59.0	63.1	64.2	64.2	64.2	64.2	64.2	67.7	71.9	71.9	73.1
2-5000	2-5000	61.2	50.2	53.1	55.2	59.2	60.0	63.2	64.4	64.4	64.4	64.4	64.4	69.0	72.1	72.1	73.2
3-5000	3-5000	62.1	50.0	53.7	56.5	59.8	60.6	63.2	65.0	65.0	65.0	65.0	65.0	70.5	70.5	70.5	74.0
4-5000	4-5000	62.1	50.6	53.7	56.5	59.5	60.6	63.2	65.0	65.0	65.0	65.0	65.0	70.5	70.5	70.5	74.0
5-5000	5-5000	62.5	51.0	54.0	56.8	60.5	61.3	64.1	65.8	65.8	65.8	65.8	65.8	71.3	71.3	71.3	75.2
6-5000	6-5000	62.6	51.1	54.2	56.9	60.6	61.5	64.5	66.0	66.0	66.0	66.0	66.0	70.0	71.5	71.5	75.1
7-5000	7-5000	62.6	51.5	54.5	57.3	61.0	61.8	65.2	66.3	66.3	66.3	66.3	66.3	70.5	71.1	71.1	75.0
8-5000	8-5000	63.1	51.9	55.2	57.9	61.6	62.4	65.6	66.9	66.9	66.9	66.9	66.9	71.1	72.0	72.0	75.6
9-5000	9-5000	63.7	53.2	56.5	59.5	63.4	64.4	67.1	68.9	68.9	68.9	68.9	68.9	73.1	74.5	74.5	78.5
10-5000	10-5000	64.5	54.7	57.9	61.0	64.5	65.3	69.4	70.5	70.5	70.5	70.5	70.5	74.8	76.3	76.3	80.6
11-5000	11-5000	64.6	55.5	58.7	61.8	65.6	66.6	70.2	71.3	71.3	71.3	71.3	71.3	75.6	77.1	77.1	81.6
12-5000	12-5000	64.6	55.5	58.7	61.8	65.6	66.6	70.2	71.3	71.3	71.3	71.3	71.3	75.6	77.1	77.1	81.6
13-5000	13-5000	65.2	56.3	59.5	62.6	66.5	67.4	71.0	72.1	72.1	72.1	72.1	72.1	76.6	78.1	78.1	82.1
14-5000	14-5000	65.3	56.5	59.7	62.7	66.6	67.6	71.3	72.4	72.4	72.4	72.4	72.4	76.9	78.4	78.4	82.4
15-5000	15-5000	65.5	56.6	60.0	63.1	67.1	68.1	72.3	73.4	73.4	73.4	73.4	73.4	78.2	79.8	79.8	84.0
16-5000	16-5000	65.5	56.8	60.3	63.5	67.9	68.9	73.4	74.5	74.5	74.5	74.5	74.5	81.0	81.0	81.0	85.0
17-5000	17-5000	67.1	57.7	62.4	65.8	70.2	71.1	75.0	76.9	76.9	76.9	76.9	76.9	81.8	83.7	83.7	88.0
18-5000	18-5000	67.4	59.0	62.7	66.1	70.5	71.5	76.1	77.3	77.3	77.3	77.3	77.3	82.1	84.0	84.0	88.5
19-5000	19-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
20-5000	20-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
21-5000	21-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
22-5000	22-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
23-5000	23-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
24-5000	24-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
25-5000	25-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
26-5000	26-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
27-5000	27-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
28-5000	28-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
29-5000	29-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
30-5000	30-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
31-5000	31-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
32-5000	32-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
33-5000	33-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
34-5000	34-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
35-5000	35-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
36-5000	36-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
37-5000	37-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
38-5000	38-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
39-5000	39-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
40-5000	40-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
41-5000	41-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
42-5000	42-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
43-5000	43-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
44-5000	44-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
45-5000	45-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
46-5000	46-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
47-5000	47-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
48-5000	48-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
49-5000	49-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
50-5000	50-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
51-5000	51-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
52-5000	52-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
53-5000	53-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
54-5000	54-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
55-5000	55-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
56-5000	56-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
57-5000	57-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
58-5000	58-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
59-5000	59-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
60-5000	60-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
61-5000	61-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
62-5000	62-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
63-5000	63-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
64-5000	64-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
65-5000	65-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
66-5000	66-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
67-5000	67-5000	67.9	60.0	63.7	67.1	71.5	72.4	77.1	78.2	78.2	78.2	78.2	78.2	83.7	85.0	85.0	89.0
68-5000	68-5000	67.9															

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
 STATION

RESERVOIR APT JBL APT
 STATION NAME

57-66
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.0	50.2	52.9	55.7	58.4	59.4	61.2	62.3	62.4	66.1	67.0	67.6	70.5	70.6	71.0	72.1
IV 18000	41.0	50.2	52.9	55.7	58.4	59.4	61.2	62.3	62.4	66.1	67.0	67.6	70.5	70.6	71.0	72.1
IV 16000	42.1	50.6	53.4	55.5	58.9	58.9	61.0	62.7	62.9	66.6	68.1	68.1	71.0	71.1	72.4	72.6
IV 14000	42.3	50.6	53.4	55.5	59.0	59.0	61.2	62.9	63.1	66.8	68.2	68.2	71.3	71.5	73.1	73.2
IV 12000	42.3	50.6	53.7	55.8	59.2	59.2	62.1	63.1	63.2	66.9	68.4	68.4	71.5	71.6	73.2	73.4
IV 10000	42.3	51.0	53.9	56.0	59.4	59.4	62.3	63.2	63.4	67.1	68.5	68.5	71.6	71.8	73.4	73.5
IV 9000	42.6	51.8	54.7	56.8	60.5	60.5	63.4	64.4	64.5	68.2	69.7	69.7	72.7	72.9	74.5	74.7
IV 8000	42.9	52.4	55.5	57.7	61.6	61.6	63.2	66.1	66.3	70.2	71.6	71.6	74.7	74.8	76.5	76.6
IV 7000	43.9	54.0	57.1	59.4	63.2	63.4	66.3	67.7	67.9	71.9	73.4	73.4	76.6	76.8	78.5	78.7
IV 6000	44.0	54.7	57.7	60.0	63.9	64.0	67.4	68.4	68.5	72.6	74.0	74.0	77.4	77.6	79.4	79.5
IV 5000	44.2	54.8	57.9	60.3	64.2	64.4	67.7	68.7	68.9	72.9	74.4	74.4	77.7	77.9	79.7	79.8
IV 4500	44.2	54.8	57.9	60.3	64.2	64.4	67.7	68.7	68.9	72.9	74.4	74.4	77.7	77.9	79.7	79.8
IV 4000	44.2	55.3	58.4	60.8	64.7	64.8	68.2	69.2	69.4	73.4	74.8	74.8	78.4	78.5	80.1	80.3
IV 3500	44.2	55.3	58.5	61.0	64.8	65.0	68.4	69.4	69.5	73.5	75.3	75.3	79.0	79.2	81.0	81.1
IV 3000	44.2	55.5	58.7	61.3	65.2	65.3	68.7	69.7	69.8	73.8	75.6	75.6	79.2	79.4	81.2	81.3
IV 2500	44.4	56.0	59.4	61.9	66.1	66.3	70.0	71.0	71.1	76.3	78.2	78.2	82.1	82.3	84.0	84.2
IV 2000	46.1	58.5	62.3	65.0	69.4	69.8	73.5	74.7	74.8	80.0	82.1	82.1	86.0	86.1	88.1	88.2
IV 1800	46.1	58.7	62.4	65.2	69.5	70.0	73.7	74.8	75.0	80.2	82.3	82.3	86.1	86.3	88.2	88.4
IV 1500	47.1	59.8	63.5	66.8	71.1	71.6	75.3	76.5	76.6	82.4	84.5	84.5	88.4	88.5	90.5	91.0
IV 1200	47.1	59.8	63.5	66.8	71.1	71.6	75.3	76.5	76.6	82.4	84.5	84.5	88.4	88.5	90.5	91.0
IV 1000	47.1	60.2	63.9	67.1	71.5	71.9	75.6	76.8	76.9	82.9	85.0	85.0	89.2	89.4	91.5	91.8
IV 900	47.1	60.2	63.9	67.1	71.5	71.9	75.6	76.8	76.9	82.9	85.0	85.0	89.2	89.4	91.5	91.8
IV 800	47.1	60.2	63.9	67.1	71.5	71.9	75.6	76.8	76.9	82.9	85.0	85.0	89.2	89.4	91.5	91.8
IV 700	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 600	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 500	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 400	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 300	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 200	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 100	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 0	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NPT 001 API
STATION NAME

57-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .56	≥ .5	≥ 0
NO CEILING	40.6	50.3	52.9	56.6	58.7	59.2	62.4	63.1	63.1	65.8	66.0	66.4	71.0	71.0	72.4	72.9
≥ 20000	41.1	50.6	53.2	56.7	59.0	59.5	62.7	63.4	63.4	66.1	66.4	66.7	71.3	71.3	72.7	73.2
≥ 18000	41.5	51.0	53.5	57.3	59.4	59.9	63.1	63.7	63.7	66.5	67.3	67.3	71.6	71.6	73.1	73.4
≥ 16000	41.5	51.0	53.5	57.3	59.4	59.9	63.1	63.7	63.7	66.5	67.3	67.3	71.6	71.6	73.1	73.5
≥ 14000	41.5	51.0	53.5	57.3	59.4	59.9	63.1	63.7	63.7	66.5	67.3	67.3	71.6	71.6	73.4	74.0
≥ 12000	41.5	51.0	53.5	57.3	59.4	59.9	63.2	63.9	63.9	66.6	67.4	67.4	71.8	71.8	73.5	74.2
≥ 10000	41.6	51.1	53.7	57.4	59.5	60.0	63.4	64.0	64.0	66.8	67.6	67.6	71.9	71.9	73.7	74.4
≥ 9000	41.6	51.5	54.0	57.7	59.9	60.3	63.7	64.4	64.4	67.1	67.9	67.9	72.3	72.3	74.0	74.7
≥ 8000	42.0	52.3	55.2	59.2	61.3	61.8	65.3	66.0	66.0	69.2	70.2	70.2	74.5	74.5	76.5	77.1
≥ 7000	43.2	53.1	56.0	60.0	62.1	62.6	66.1	66.9	66.9	70.6	71.6	71.6	76.1	76.1	78.2	78.9
≥ 6000	43.4	53.4	56.3	60.3	62.4	62.9	66.5	67.3	67.3	71.0	71.9	71.9	76.5	76.5	78.7	79.4
≥ 5000	43.5	53.5	56.5	60.5	62.6	63.1	66.6	67.4	67.4	71.3	72.3	72.3	76.8	76.8	79.0	79.7
≥ 4500	43.5	53.5	56.5	60.5	62.6	63.1	66.6	67.4	67.4	71.3	72.3	72.3	76.8	76.8	79.0	79.7
≥ 4000	44.4	54.4	57.4	61.5	63.5	64.0	67.6	68.4	68.4	72.3	73.2	73.2	77.7	77.7	80.0	80.6
≥ 3500	44.4	54.4	57.4	61.5	63.5	64.0	67.6	68.4	68.4	72.3	73.2	73.2	77.7	77.7	80.0	80.6
≥ 3000	44.7	54.6	57.7	61.9	64.2	64.8	68.5	69.5	69.5	73.7	75.3	75.3	80.0	80.0	82.3	83.1
≥ 2500	45.0	55.1	59.4	63.5	65.0	66.5	70.2	71.1	71.1	75.6	77.3	77.3	81.9	81.9	84.2	85.3
≥ 2000	46.1	57.6	60.8	65.6	66.5	69.2	72.9	73.9	73.9	78.7	80.3	80.3	85.0	85.0	87.1	88.9
≥ 1800	46.1	57.6	60.8	65.6	66.5	69.2	72.9	73.9	73.9	78.7	80.3	80.3	85.0	85.0	87.1	88.9
≥ 1500	46.9	58.5	61.8	66.9	70.0	70.6	74.5	75.8	75.8	80.8	82.6	82.6	87.3	87.3	90.0	91.1
≥ 1200	46.9	58.5	61.8	66.9	70.0	70.6	74.5	75.8	75.8	80.8	82.6	82.6	87.3	87.3	90.0	91.1
≥ 1000	47.1	58.7	62.1	67.3	70.6	71.3	75.3	76.6	76.6	81.8	83.5	83.5	88.2	88.2	91.0	92.1
≥ 900	47.1	58.7	62.1	67.3	70.6	71.3	75.3	76.6	76.6	81.8	83.5	83.5	88.2	88.2	91.0	92.1
≥ 800	47.1	58.7	62.1	67.3	70.6	71.3	75.3	76.6	76.6	81.8	83.5	83.5	88.2	88.2	91.0	92.1
≥ 700	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 600	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 500	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 400	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 300	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 200	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 100	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 0	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6

TOTAL NUMBER OF OBSERVATIONS 520

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01.00-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	0
NO CEILING	40.0	47.3	48.9	50.5	53.7	54.4	57.4	59.5	59.5	62.6	64.0	64.2	66.3	66.5	67.1	2
≥ 20000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 18000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 16000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 14000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 12000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 10000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 9000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 8000	42.3	49.2	51.1	53.5	56.9	57.6	61.0	63.2	63.2	66.8	67.4	68.9	71.5	71.8	73.2	73.9
IV 7000	43.5	51.0	53.1	55.8	59.2	60.0	63.4	65.8	65.8	69.4	71.0	71.5	74.0	74.4	75	76.5
IV 6000	43.9	51.6	53.7	56.5	59.6	60.6	64.0	66.5	66.5	70.2	71.9	72.4	75.0	75.3	76	77.4
IV 5000	44.2	51.9	54.0	56.8	60.2	61.0	64.2	66.9	66.9	70.8	72.6	73.1	75.6	76.1	77.0	78.2
IV 4500	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 4000	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 3500	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 3000	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 2500	45.0	54.0	56.5	59.5	62.9	64.2	68.2	71.0	71.0	75.5	77.4	77.9	80.5	81.0	82.4	83.1
IV 2000	46.5	56.5	58.9	62.6	66.3	67.6	71.6	74.4	74.4	79.0	81.0	81.5	84.0	84.5	86.0	86.4
IV 1800	46.5	56.5	58.9	62.6	66.3	67.6	71.6	74.4	74.4	79.0	81.0	81.5	84.0	84.5	86.0	86.4
IV 1500	47.3	57.0	60.5	65.0	69.9	70.3	74.7	77.4	77.4	82.3	84.2	84.7	87.6	88.1	89.2	90.2
IV 1200	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 1000	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 900	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 800	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 700	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 600	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 500	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 400	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 300	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 200	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 100	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 0	47.6	58.4	61.0	65.5	70.0	71.6	76.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE WPT DIST APT
STATION NAME

57-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	40.6	40.5	49.0	54.0	54.4	58.0	60.5	60.5	63.2	65.7	65.7	67.0	67.0	67.0	68.2
≥ 20000	40.0	45.0	49.0	50.3	54.5	54.9	59.1	61.0	61.0	63.8	66.2	66.2	67.5	67.5	68.1	68.8
IV 18000	40.0	46.9	49.0	50.3	54.7	55.0	59.2	61.2	61.2	63.9	66.3	66.3	67.6	67.6	68.3	69.9
IV 16000	40.0	47.1	49.2	50.5	54.9	55.2	59.4	61.3	61.3	64.1	66.5	66.5	67.8	67.8	68.4	69.1
IV 14000	40.3	47.2	49.3	50.7	55.2	55.5	59.7	61.7	61.7	64.4	66.8	66.8	68.1	68.1	68.8	69.4
IV 12000	40.3	47.2	49.3	50.5	55.2	55.5	59.7	61.8	61.8	64.7	67.2	67.2	68.4	68.4	69.1	69.7
IV 10000	40.8	47.7	50.0	51.3	55.7	56.0	60.2	62.3	62.3	65.2	67.6	67.6	68.9	68.9	69.0	70.2
IV 9000	40.8	47.9	50.3	51.6	56.0	56.3	60.7	62.8	62.8	65.7	68.1	68.1	69.4	69.4	70.1	70.7
IV 8000	41.4	48.9	51.5	52.8	57.3	57.6	62.0	64.1	64.1	67.0	69.4	69.4	70.9	70.9	72.0	72.8
IV 7000	42.9	50.5	53.0	55.0	59.7	60.2	64.7	67.2	67.2	70.7	73.1	73.1	74.9	74.9	76.1	77.2
IV 6000	43.4	51.6	54.4	55.8	60.5	61.0	65.7	68.1	68.1	71.7	74.1	74.1	75.9	75.9	77.0	78.2
IV 5000	43.4	51.6	54.4	55.8	60.5	61.0	65.7	68.1	68.1	71.8	74.3	74.3	76.1	76.1	77.2	78.3
IV 4500	43.4	51.6	54.4	55.8	60.5	61.0	65.7	68.1	68.1	71.8	74.3	74.3	76.1	76.1	77.2	78.3
IV 4000	43.5	52.4	55.2	56.6	61.5	62.0	66.7	69.1	69.1	73.0	75.4	75.4	77.2	77.2	78.3	79.4
IV 3500	43.7	53.2	56.0	57.4	62.3	62.8	67.0	70.1	70.1	73.9	76.4	76.4	78.2	78.2	79.3	80.4
IV 3000	44.0	54.9	56.6	58.4	63.3	63.8	68.0	71.2	71.2	75.2	77.6	77.6	79.0	79.0	80.7	81.9
IV 2500	44.2	54.0	57.0	58.7	63.6	64.1	69.1	71.5	71.7	75.9	78.0	78.0	80.6	80.6	81.7	83.0
IV 2000	45.3	55.5	58.9	61.0	66.2	66.7	72.7	75.4	75.7	80.6	83.7	83.8	85.6	85.6	86.7	88.0
IV 1800	45.3	55.5	58.9	61.0	66.2	66.7	72.7	75.4	75.7	80.6	83.7	83.8	85.6	85.6	86.7	88.0
IV 1500	45.8	57.3	61.0	64.1	69.4	69.9	75.9	78.8	79.1	84.3	87.5	87.7	89.6	89.6	91.3	92.6
IV 1200	46.0	57.6	61.3	64.4	69.9	70.4	76.4	79.3	79.6	84.8	88.0	88.2	90.1	90.1	91.7	93.2
IV 1000	46.0	57.6	61.3	64.4	69.9	70.6	76.5	79.6	80.1	85.6	88.8	89.0	91.3	91.3	93.0	94.4
IV 900	46.0	57.6	61.3	64.4	69.9	70.6	76.5	79.6	80.1	85.6	88.8	89.0	91.3	91.3	93.0	94.4
IV 800	46.0	57.6	61.3	64.4	69.9	70.6	76.5	79.6	80.1	85.6	88.8	89.0	91.3	91.3	93.0	94.4
IV 700	46.0	57.6	61.3	64.4	69.9	70.6	76.7	79.9	80.3	85.9	89.2	89.3	91.7	91.7	93.5	95.0
IV 600	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	91.9	91.9	93.7	95.1
IV 500	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.2	95.6
IV 400	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.3	95.9
IV 300	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.7	96.3
IV 200	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.8	96.4
IV 100	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.8	97.1
IV 0	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 618

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901 RESOLUTE AFB DUTY PT
STATION STATION NAME

57-56
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	43.3	49.8	51.4	53.2	56.6	57.2	59.5	60.8	60.8	64.8	66.0	66.6	68.6	68.6	69.7	71.0
≥ 20000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 18000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 16000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 14000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 12000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 10000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 9000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 8000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 7000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 6000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 5000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 4500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 4000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 3500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 3000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 2500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 2000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1800	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1200	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 900	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 800	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 700	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 600	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 400	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 300	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 200	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 100	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 0	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5

TOTAL NUMBER OF OBSERVATIONS 617

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY DILL API
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING	43.7	51.0	53.5	56.0	59.5	59.7	62.0	63.5	63.5	66.5	67.6	67.9	71.0	71.3	72.7	73.4
≥ 20000	43.7	51.0	53.5	56.0	59.5	59.7	62.0	63.5	63.5	66.5	67.6	67.9	71.0	71.3	72.7	73.4
IV 18000	44.2	51.5	54.0	56.5	60.0	60.2	63.1	64.0	64.0	66.9	68.1	68.4	71.6	71.8	73.2	73.9
IV 16000	44.2	51.5	54.0	56.5	60.0	60.2	63.1	64.0	64.0	66.9	68.1	68.4	71.6	71.8	73.2	73.9
IV 14000	44.4	51.6	54.2	56.6	60.2	60.3	63.2	64.2	64.2	67.1	68.2	68.5	72.1	72.3	73.7	74.4
IV 12000	44.4	51.6	54.2	56.6	60.2	60.3	63.2	64.2	64.2	67.1	68.2	68.5	72.1	72.3	73.7	74.4
IV 10000	44.4	51.6	54.2	56.6	60.2	60.3	63.2	64.2	64.2	67.1	68.2	68.5	72.1	72.3	73.7	74.4
IV 9000	44.0	52.1	54.6	57.3	60.0	61.0	64.2	65.2	65.2	68.1	69.2	69.5	73.1	73.2	74.7	75.3
IV 8000	40.1	53.4	56.1	58.7	62.3	62.6	66.0	67.1	67.1	70.0	71.3	71.4	75.2	75.3	76.7	77.4
IV 7000	40.6	54.8	58.1	60.6	64.4	64.7	68.2	69.8	69.8	73.1	74.5	74.8	78.7	78.9	80.3	81.3
IV 6000	46.8	55.5	58.7	61.3	65.0	65.3	69.2	70.5	70.5	73.9	75.3	75.4	79.8	80.0	81.5	82.6
IV 5000	47.3	56.0	59.2	61.8	65.5	65.8	69.7	71.0	71.0	74.4	75.8	76.1	80.3	80.5	82.3	83.2
IV 4500	47.3	56.0	59.2	61.8	65.5	65.8	69.7	71.0	71.0	74.4	75.8	76.1	80.3	80.5	82.3	83.2
IV 4000	47.3	56.1	59.4	61.9	65.0	66.1	70.0	71.3	71.3	74.7	76.1	76.5	80.8	81.0	82.7	83.9
IV 3500	47.4	56.3	59.5	62.3	66.1	66.5	70.3	71.6	71.6	75.0	76.5	76.8	81.3	81.5	83.3	84.4
IV 3000	47.6	56.6	59.8	63.1	67.1	67.4	71.2	73.2	73.2	76.6	78.1	78.4	83.1	83.2	85.0	86.1
IV 2500	47.6	56.6	59.8	63.1	67.1	67.4	71.2	73.2	73.2	76.6	78.1	78.4	83.1	83.2	85.0	86.1
IV 2000	48.4	58.5	61.9	65.5	70.0	70.3	75.0	76.3	76.3	80.0	81.5	81.8	86.5	86.8	88.5	89.7
IV 1800	48.4	58.5	61.9	65.5	70.0	70.3	75.0	76.3	76.3	80.0	81.5	81.8	86.5	86.8	88.5	89.7
IV 1500	48.9	59.0	62.9	66.8	71.3	71.6	76.3	77.6	77.6	81.3	82.7	83.1	87.7	88.1	89.8	91.0
IV 1200	49.0	59.2	63.1	66.9	71.5	71.8	76.5	77.7	77.7	81.5	82.9	83.2	87.9	88.2	90.0	91.1
IV 1000	49.2	59.4	63.4	67.4	71.9	72.3	76.9	78.4	78.4	82.1	83.5	83.9	88.5	88.9	90.5	91.8
IV 900	49.2	59.4	63.4	67.4	71.9	72.3	76.9	78.4	78.4	82.1	83.5	83.9	88.5	88.9	90.5	91.8
IV 800	49.2	59.4	63.4	67.4	71.9	72.3	76.9	78.4	78.4	82.1	83.5	83.9	88.5	88.9	90.5	91.8
IV 700	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 600	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 500	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 400	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 300	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 200	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 100	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 0	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5

TOTAL NUMBER OF OBSERVATIONS 620

AIR FORCE DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVOIR WPT DPT APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	43.1	51.9	54.7	56.9	60.5	60.6	62.7	64.8	64.8	69.5	71.3	71.3	73.2	73.2	74.7	75.0
≥ 20000	43.1	52.1	54.8	57.1	60.6	60.8	62.7	65.0	65.0	69.7	71.5	71.5	73.4	73.4	74.8	75.2
IV 18000	43.3	52.6	55.3	57.6	61.1	61.3	63.4	65.5	65.5	70.2	71.9	71.9	73.9	73.9	75.3	75.6
IV 16000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.6	65.6	70.3	72.1	72.1	74.0	74.0	75.5	75.8
IV 14000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.8	65.8	70.5	72.4	72.4	74.4	74.4	75.8	76.1
IV 12000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.8	65.8	70.5	72.4	72.4	74.4	74.4	75.8	76.1
IV 10000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.8	65.8	70.5	72.4	72.4	74.4	74.4	75.8	76.1
IV 9000	44.2	53.2	56.0	58.2	61.8	61.9	64.2	66.3	66.3	71.0	72.9	72.9	74.8	74.8	76.3	76.6
IV 8000	45.0	54.4	57.1	59.7	63.4	63.5	66.0	68.1	68.1	72.7	74.7	74.7	76.6	76.6	78.1	78.4
IV 7000	45.0	55.3	58.2	61.1	65.0	65.2	67.6	69.7	69.7	74.4	76.3	76.3	78.4	78.4	80.2	80.4
IV 6000	46.3	56.1	59.0	61.9	65.8	66.0	68.4	70.5	70.5	75.3	77.3	77.3	79.4	79.4	81.5	81.8
IV 5000	46.5	56.6	59.5	62.4	66.3	66.5	68.9	71.1	71.1	75.1	78.1	78.1	80.2	80.2	82.4	82.7
IV 4500	46.5	56.6	59.5	62.4	66.3	66.5	68.9	71.1	71.1	75.1	78.1	78.1	80.2	80.2	82.4	82.7
IV 4000	47.1	57.3	60.2	63.1	66.9	67.1	69.5	71.8	71.8	76.8	78.7	78.7	80.8	80.8	83.3	83.9
IV 3500	47.3	57.4	60.3	63.4	67.3	67.4	69.8	72.1	72.1	77.1	79.0	79.0	81.1	81.1	83.9	84.2
IV 3000	47.4	57.6	60.6	64.0	68.2	68.4	71.0	73.4	73.4	78.7	81.0	81.0	83.2	83.2	86.0	86.3
IV 2500	47.6	57.9	61.1	64.7	69.0	69.2	71.9	74.7	74.7	80.0	82.3	82.3	84.5	84.5	87.3	87.6
IV 2000	48.4	59.4	62.9	66.6	71.0	71.1	74.0	76.8	76.8	82.1	84.4	84.4	86.6	86.6	89.4	89.7
IV 1800	48.4	59.4	62.9	66.6	71.0	71.1	74.0	76.8	76.8	82.1	84.4	84.4	86.6	86.6	89.4	89.7
IV 1500	49.0	60.2	63.9	67.6	71.9	72.1	75.0	77.7	77.7	83.1	85.3	85.3	87.6	87.6	90.3	90.6
IV 1200	49.4	60.5	64.2	67.9	72.3	72.4	75.3	78.1	78.1	83.4	85.6	85.6	87.9	87.9	90.6	91.0
IV 1000	49.4	60.5	64.4	68.1	72.6	72.7	75.5	78.4	78.4	83.7	86.0	86.0	88.2	88.2	91.0	91.3
IV 900	49.4	60.5	64.4	68.1	72.6	72.7	75.5	78.4	78.4	83.7	86.0	86.0	88.2	88.2	91.0	91.3
IV 800	49.4	60.5	64.4	68.1	72.6	72.7	75.5	78.4	78.4	83.7	86.0	86.0	88.2	88.2	91.0	91.3
IV 700	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 600	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 500	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 400	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 300	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 200	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 100	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 0	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4

TOTAL NUMBER OF OBSERVATIONS 520

AIR FORCE PROCESSING DIVISION
USAF ETAC
FIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE CFI 001 APT
STATION NAME

27-66
YEARS

1 Feb
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0006-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	42.7	32.1	33.0	56.6	60.1	60.6	62.4	62.8	62.8	63.1	67.0	67.2	69.3	70.2	72.0	73.4
≥ 20000	42.9	32.3	33.1	56.7	60.3	60.8	62.2	62.9	62.9	63.2	67.2	67.4	69.7	70.4	72.2	73.6
≥ 18000	43.1	32.5	33.3	57.1	60.6	61.2	62.6	63.3	63.3	63.6	67.7	68.1	70.4	71.1	72.7	74.3
≥ 16000	43.1	32.5	33.3	57.1	60.6	61.2	62.6	63.3	63.3	63.6	67.7	68.1	70.4	71.1	72.7	74.3
≥ 14000	43.3	32.7	33.5	57.3	60.6	61.3	62.8	63.7	63.7	64.1	68.3	68.6	71.1	71.8	73.5	75.2
≥ 12000	43.3	32.7	33.5	57.3	60.6	61.3	62.8	63.7	63.7	64.1	68.3	68.6	71.1	71.8	73.5	75.2
≥ 10000	43.6	33.4	34.2	58.0	61.5	62.1	63.5	64.4	64.4	64.8	69.0	69.3	71.8	72.5	74.5	75.9
≥ 9000	44.1	33.9	34.7	58.5	62.6	63.1	64.5	65.4	65.4	65.8	70.0	70.4	72.9	73.6	75.5	77.0
≥ 8000	46.1	36.4	39.2	61.3	65.6	66.1	68.1	69.1	69.1	71.6	73.8	74.1	76.8	77.5	79.4	80.9
≥ 7000	47.2	37.0	41.3	63.8	68.4	69.0	70.9	72.0	72.0	74.6	76.8	77.1	80.9	81.6	83.9	85.3
≥ 6000	47.3	38.3	41.7	64.2	69.0	69.5	71.6	72.9	72.9	75.5	77.7	78.0	82.1	82.8	85.5	86.9
≥ 5000	47.7	38.7	42.1	64.5	69.2	69.9	72.0	73.2	73.2	75.9	78.0	78.4	82.4	83.2	85.8	87.2
≥ 4500	47.7	38.7	42.1	64.5	69.2	69.9	72.0	73.2	73.2	75.9	78.0	78.4	82.4	83.2	85.8	87.2
≥ 4000	48.0	39.2	42.8	65.4	70.2	70.7	72.9	74.1	74.1	77.0	79.1	79.4	83.5	84.2	86.9	88.3
≥ 3500	48.2	39.4	42.9	65.8	70.6	71.1	73.2	74.5	74.5	77.3	79.4	79.8	83.9	84.6	87.2	88.7
≥ 3000	48.4	39.6	43.3	66.3	71.1	71.6	73.0	75.0	75.0	77.8	80.1	80.5	84.6	85.3	87.9	89.4
≥ 2500	48.6	40.5	44.4	67.4	72.5	73.0	75.4	76.6	76.6	80.0	82.4	83.0	87.1	87.8	90.4	91.8
≥ 2000	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1800	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1500	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1200	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1000	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 900	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 800	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 700	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 600	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 500	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 400	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 300	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 200	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 100	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
0	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4

TOTAL NUMBER OF OBSERVATIONS 334

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

17401
STATION

RESOLUTE BAY APT
STATION NAME

27-66
YEARS

1 FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	44.9	53.7	50.6	52.7	61.0	61.3	63.5	63.8	67.4	60.3	68.4	71.0	72.0	74.1	74.5	74.5
≥ 20000	44.9	53.7	50.6	52.7	61.0	61.3	63.5	63.8	67.4	60.3	68.4	71.0	72.0	74.1	74.5	74.5
IV 18000	45.0	53.4	50.7	52.9	61.2	61.5	63.7	64.0	67.6	60.4	68.6	72.0	72.2	74.3	74.6	74.6
IV 16000	45.0	53.4	50.7	52.9	61.2	61.5	63.7	64.0	67.6	60.4	68.6	72.0	72.2	74.3	74.6	74.6
IV 14000	45.2	53.5	50.9	53.0	61.3	61.7	63.8	64.2	67.7	60.6	68.8	72.2	72.3	74.3	74.8	74.8
IV 12000	45.2	53.5	50.9	53.0	61.3	61.7	63.8	64.2	67.7	60.6	68.8	72.2	72.3	74.3	74.8	74.8
IV 10000	45.7	54.1	57.8	60.1	62.4	62.8	64.2	65.2	68.8	69.7	69.9	73.2	73.4	75.3	76.7	76.7
IV 9000	46.1	54.6	58.5	60.8	63.5	63.8	66.1	66.5	70.0	70.2	71.1	74.5	74.0	76.3	77.5	77.5
IV 8000	47.7	56.9	60.8	63.3	66.7	67.2	69.7	70.0	73.8	74.5	74.8	78.2	78.4	80.3	81.4	81.4
IV 7000	48.2	58.3	62.6	65.4	69.0	69.5	72.0	72.3	76.1	77.0	77.1	81.4	81.6	83.5	84.9	84.9
IV 6000	48.4	58.7	63.1	66.3	70.2	70.7	73.2	73.8	77.5	78.4	78.5	82.8	83.0	85.3	86.3	86.3
IV 5000	48.8	59.0	63.5	66.7	70.6	71.1	73.6	74.5	78.2	79.1	79.3	83.5	83.7	86.0	87.1	87.1
IV 4500	48.8	59.0	63.5	66.7	70.6	71.1	73.6	74.5	78.2	79.1	79.3	83.5	83.7	86.0	87.1	87.1
IV 4000	49.1	59.4	63.8	67.0	71.3	71.8	74.3	75.4	79.1	80.0	80.1	84.4	84.6	86.9	87.9	87.9
IV 3500	49.1	59.4	63.8	67.0	71.3	71.8	74.3	75.4	79.1	80.0	80.1	84.4	84.6	86.9	87.9	87.9
IV 3000	49.1	59.4	63.8	67.0	71.3	71.8	74.3	75.4	79.1	80.0	80.1	84.4	84.6	86.9	87.9	87.9
IV 2500	49.1	60.1	64.7	65.1	72.7	73.2	76.1	76.8	80.7	81.6	81.7	86.0	86.2	88.3	89.5	89.5
IV 2000	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 1800	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 1500	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 1200	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 1000	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 900	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 800	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 700	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 600	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 500	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 400	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 300	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 200	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 100	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9
IV 0	49.2	62.4	67.9	71.6	76.8	77.3	81.0	81.9	86.7	87.6	87.8	92.0	92.2	94.5	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS

564

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT EX SERVICE/AMO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT JET APT
STATION NAME

51-66
YEARS

1961
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼
NO CEILING	40.3	55.3	58.6	57.6	62.4	62.6	64.4	65.5	66.0	69.0	69.7	69.7	71.1	71.5	73.2
≥ 20000	46.5	55.3	56.7	59.8	62.6	62.8	64.4	66.0	66.1	69.1	69.9	70.0	71.3	71.6	73.4
IV 18000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 16000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 14000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 12000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 10000	47.0	56.0	57.3	60.5	63.5	63.7	65.4	66.5	67.0	70.0	70.7	70.9	72.2	72.5	74.0
IV 9000	47.0	56.0	57.3	60.5	63.5	63.7	65.4	66.5	67.0	70.0	70.7	70.9	72.2	72.5	74.0
IV 8000	47.7	57.1	58.5	62.2	65.4	66.1	68.4	70.0	70.2	73.6	74.3	74.5	75.7	76.1	78.2
IV 7000	48.6	59.9	61.3	65.2	68.6	69.1	71.5	73.0	73.2	77.1	77.8	78.0	80.1	80.5	83.2
IV 6000	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 5000	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 4500	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 4000	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 3500	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 3000	49.3	61.0	62.4	66.7	70.4	70.7	73.8	75.4	75.5	79.6	80.3	80.5	82.6	83.0	86.7
IV 2500	49.5	61.5	63.2	67.6	71.3	71.6	74.6	76.2	76.4	80.7	81.4	81.6	83.7	84.0	87.8
IV 2000	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1800	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1600	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1500	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1200	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1000	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 900	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 800	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 700	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 600	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 500	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 400	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 300	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 200	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 100	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 0	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1

TOTAL NUMBER OF OBSERVATIONS 504

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTE NOT USE API
STATION NAME

27-66
YEARS

1-11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	47.5	49.1	51.6	55.7	55.9	56.5	60.8	61.0	62.4	62.9	63.1	64.4	64.5	66.0	67.0
≥ 20000	47.5	47.5	50.0	52.5	56.6	56.7	59.4	61.7	61.9	63.3	63.0	64.0	65.4	65.6	67.0	68.1
IV 18000	47.5	47.5	50.0	52.5	56.6	56.7	59.4	61.7	61.9	63.3	63.0	64.0	65.4	65.6	67.0	68.1
IV 16000	47.7	47.7	50.2	52.7	56.7	56.9	59.0	61.9	62.1	63.5	64.0	64.2	65.0	65.3	67.2	68.3
IV 14000	47.9	47.9	50.4	52.8	57.1	57.3	59.9	62.2	62.4	64.0	64.5	64.7	66.1	66.3	67.7	68.8
IV 12000	48.1	48.2	50.7	53.2	57.4	57.6	60.2	62.6	62.8	64.5	65.1	65.2	66.7	66.8	68.3	69.3
IV 10000	48.6	48.8	51.4	53.9	58.2	58.5	61.2	63.5	63.7	65.6	66.3	66.5	68.1	68.3	69.7	70.7
IV 9000	48.0	49.1	51.0	54.3	58.5	54.9	61.5	63.8	64.0	66.1	66.0	67.0	68.6	68.8	70.2	71.3
IV 8000	41.7	51.1	53.7	56.2	60.5	60.8	64.0	66.3	66.5	68.8	69.7	69.9	71.6	71.8	73.2	74.3
IV 7000	44.0	53.9	56.9	59.6	64.2	64.7	68.1	70.9	71.1	74.5	75.4	75.5	76.5	76.7	78.1	81.6
IV 6000	44.1	54.3	57.3	60.1	64.7	65.2	68.6	71.5	71.6	75.0	75.9	76.1	79.1	79.3	80.7	82.1
IV 5000	44.1	54.4	57.4	60.3	64.9	65.4	68.0	71.6	71.8	75.2	76.1	76.2	79.3	79.4	80.9	82.3
IV 4500	44.1	54.4	57.4	60.3	64.9	65.4	68.0	71.6	71.8	75.2	76.1	76.2	79.3	79.4	80.9	82.3
IV 4000	44.3	54.6	57.6	60.6	65.4	66.1	69.5	72.3	72.7	76.1	77.0	77.1	80.1	80.3	81.7	83.2
IV 3500	44.3	55.0	58.0	60.8	65.6	66.3	69.7	72.5	72.9	76.2	77.1	77.3	80.3	80.5	81.9	83.3
IV 3000	44.9	55.9	59.2	62.1	67.0	67.7	71.3	74.1	74.5	77.8	78.7	78.9	81.9	82.1	83.5	84.9
IV 2500	44.9	56.0	60.1	62.9	68.1	68.8	72.3	75.2	75.5	78.9	79.8	79.8	83.0	83.2	84.6	86.0
IV 2000	45.2	56.5	61.5	64.5	70.6	71.5	75.7	78.5	78.9	82.4	83.5	83.7	87.2	87.8	89.7	91.3
IV 1800	45.2	56.9	61.5	64.5	70.6	71.5	75.7	78.7	79.1	82.6	83.7	83.9	87.4	87.9	89.9	91.5
IV 1500	45.2	57.4	62.1	65.2	71.5	72.3	77.2	80.3	80.7	84.4	85.6	85.8	89.5	90.1	92.2	94.1
IV 1200	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 1000	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 900	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 800	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 700	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 600	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 500	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 400	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 300	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 200	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 100	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 0	45.2	57.4	62.4	65.4	71.6	72.7	77.0	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9

TOTAL NUMBER OF OBSERVATIONS

364

DATA PROCESSING DIVISION
USAF ETAC
AIR BATTERY SERVICE/AC

CEILING VERSUS VISIBILITY

17901 0-14-5 (OL 1) DATE 1971
STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.0	44.5	51.0	51.9	50.7	57.0	61.3	62.4	62.0	64.7	60.5	66.0	69.0	69.1	70.2	71.6
≥ 20000	44.5	50.5	52.0	55.0	57.0	58.7	62.0	63.7	63.8	66.0	61.7	68.1	70.2	70.6	71.5	72.9
IV 18000	44.5	50.5	52.0	55.3	56.2	59.0	62.2	64.2	64.2	66.5	63.3	68.8	70.7	71.1	72.0	73.4
IV 16000	44.7	50.7	53.2	55.7	56.7	59.6	63.2	64.5	64.7	67.0	64.0	69.1	71.3	71.6	72.3	73.9
IV 14000	44.7	50.7	53.2	55.7	56.7	59.6	63.2	64.7	64.9	67.2	64.0	69.3	71.5	71.8	72.7	74.1
IV 12000	44.7	50.9	53.4	55.9	59.0	59.9	64.0	65.1	65.2	67.6	64.3	69.7	71.8	72.2	73.0	74.5
IV 10000	45.2	51.4	54.1	56.7	59.9	60.8	64.9	66.0	66.1	68.6	70.4	70.7	73.0	73.4	74.0	76.2
IV 9000	45.7	52.0	54.6	57.3	60.3	61.3	65.4	66.5	66.7	69.1	70.9	71.1	73.6	73.9	75.2	76.8
IV 8000	46.0	53.0	55.7	58.3	61.5	62.4	67.0	68.3	68.4	71.5	73.2	73.6	76.1	76.4	77.7	79.3
IV 7000	46.0	54.3	56.7	59.8	64.4	65.2	70.0	71.8	72.0	75.5	77.5	77.8	80.9	81.2	82.4	84.4
IV 6000	46.0	54.3	57.1	59.9	64.5	65.4	70.7	72.0	72.2	75.7	77.7	78.2	81.2	81.7	83.0	84.9
IV 5000	46.0	54.4	57.3	60.1	64.7	65.6	71.1	72.3	72.5	76.1	78.0	78.5	81.0	81.6	83.3	85.3
IV 4500	46.0	54.4	57.3	60.1	64.7	65.6	71.1	72.3	72.5	76.1	78.0	78.5	81.0	81.6	83.3	85.3
IV 4000	46.2	54.8	57.6	60.5	65.1	66.0	71.5	72.7	72.9	76.4	78.4	78.9	81.9	82.4	83.7	85.0
IV 3500	46.2	57.0	57.8	60.6	65.2	66.1	71.6	72.9	73.0	76.6	78.7	79.1	82.4	83.0	84.2	86.2
IV 3000	46.7	57.0	56.9	61.7	66.3	67.2	73.0	74.3	74.5	78.0	80.1	80.7	84.0	84.6	85.0	87.6
IV 2500	49.5	56.6	59.4	62.4	67.2	68.1	73.9	75.2	75.4	78.9	81.0	81.6	84.9	85.3	86.7	88.7
IV 2000	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1800	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1500	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1200	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1000	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 900	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 800	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 700	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 600	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 500	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 400	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 300	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 200	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 100	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 0	49.0	57.3	60.1	63.3	66.6	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3

TOTAL NUMBER OF OBSERVATIONS 304

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/OWC

CEILING VERSUS VISIBILITY

17901 RESULTS 51001 API
STATION STATION NAME

57-66

YEARS

110
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 20000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 18000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 16000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 14000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 12000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 10000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 9000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 8000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 7000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 6000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 5000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 4500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 4000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 3500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 3000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 2500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 2000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 1800	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 1500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 1200	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 1000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 900	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 800	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 700	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 600	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 400	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 300	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 200	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 100	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4
≥ 0	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	66.4	69.0	70.2	71.4

TOTAL NUMBER OF OBSERVATIONS

514

CEILING VERSUS VISIBILITY

179-1 INSTITUTE OF THE ART

57-66

1. 2. 45

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (LST)

VISIBILITY (STATUTE MILES)

20	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
2.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0
2.1	21.1	22.1	23.1	24.1	25.1	26.1	27.1	28.1	29.1	30.1	31.1	32.1	33.1	34.1	35.1	36.1	37.1
2.2	21.2	22.2	23.2	24.2	25.2	26.2	27.2	28.2	29.2	30.2	31.2	32.2	33.2	34.2	35.2	36.2	37.2
2.3	21.3	22.3	23.3	24.3	25.3	26.3	27.3	28.3	29.3	30.3	31.3	32.3	33.3	34.3	35.3	36.3	37.3
2.4	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.4	29.4	30.4	31.4	32.4	33.4	34.4	35.4	36.4	37.4
2.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5
2.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6	34.6	35.6	36.6	37.6
2.7	21.7	22.7	23.7	24.7	25.7	26.7	27.7	28.7	29.7	30.7	31.7	32.7	33.7	34.7	35.7	36.7	37.7
2.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	29.8	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8
2.9	21.9	22.9	23.9	24.9	25.9	26.9	27.9	28.9	29.9	30.9	31.9	32.9	33.9	34.9	35.9	36.9	37.9
3.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0
3.1	22.1	23.1	24.1	25.1	26.1	27.1	28.1	29.1	30.1	31.1	32.1	33.1	34.1	35.1	36.1	37.1	38.1
3.2	22.2	23.2	24.2	25.2	26.2	27.2	28.2	29.2	30.2	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2
3.3	22.3	23.3	24.3	25.3	26.3	27.3	28.3	29.3	30.3	31.3	32.3	33.3	34.3	35.3	36.3	37.3	38.3
3.4	22.4	23.4	24.4	25.4	26.4	27.4	28.4	29.4	30.4	31.4	32.4	33.4	34.4	35.4	36.4	37.4	38.4
3.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5
3.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6	34.6	35.6	36.6	37.6	38.6
3.7	22.7	23.7	24.7	25.7	26.7	27.7	28.7	29.7	30.7	31.7	32.7	33.7	34.7	35.7	36.7	37.7	38.7
3.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	29.8	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8	38.8
3.9	22.9	23.9	24.9	25.9	26.9	27.9	28.9	29.9	30.9	31.9	32.9	33.9	34.9	35.9	36.9	37.9	38.9
4.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
4.1	23.1	24.1	25.1	26.1	27.1	28.1	29.1	30.1	31.1	32.1	33.1	34.1	35.1	36.1	37.1	38.1	39.1
4.2	23.2	24.2	25.2	26.2	27.2	28.2	29.2	30.2	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2	39.2
4.3	23.3	24.3	25.3	26.3	27.3	28.3	29.3	30.3	31.3	32.3	33.3	34.3	35.3	36.3			

TOTAL NUMBER OF OBSERVATIONS _____ 304

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17961 NELSICUTE AFB JUNE 1961

57-66

1 FR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 1/4	≥ 0	
NO CEILING	44.4	51.7	52.7	56.7	58.0	59.3	61.1	61.8	61.8	64.7	65.9	65.9	69.1	69.1	70.0	71.7
≥ 20000	44.4	51.7	53.3	56.7	59.0	59.3	61.5	62.2	62.2	65.0	66.3	66.3	69.6	69.6	70.5	71.6
IV 18000	44.4	51.7	53.3	56.7	59.0	59.3	61.5	62.2	62.2	65.2	66.4	66.4	69.8	69.8	70.7	71.8
IV 16000	44.4	51.7	53.3	56.7	59.0	59.3	61.5	62.2	62.2	65.2	66.4	66.4	69.8	69.8	70.7	71.9
IV 14000	44.0	51.9	53.3	56.8	59.1	59.5	61.9	62.7	62.7	65.7	67.0	67.0	70.3	70.3	71.2	72.5
IV 12000	44.0	51.9	53.3	56.8	59.1	59.5	61.9	62.7	62.7	65.7	67.0	67.0	70.3	70.3	71.2	72.5
IV 10000	45.1	53.3	54.9	58.3	60.7	61.1	63.4	64.3	64.3	67.3	68.6	68.6	72.5	72.5	73.4	74.6
IV 9000	45.8	54.2	55.0	59.3	62.0	62.3	64.7	65.5	65.5	68.7	70.2	70.2	74.0	74.0	75.3	76.7
IV 8000	47.4	56.0	56.1	62.0	64.8	65.4	67.2	68.7	68.7	72.1	73.5	73.5	76.3	76.3	79.2	80.4
IV 7000	48.7	57.2	57.7	63.9	67.3	68.6	70.7	71.6	71.6	75.3	76.7	76.7	82.4	82.4	83.5	84.7
IV 6000	49.0	57.7	60.2	64.5	67.9	68.6	71.2	72.1	72.1	76.0	77.4	77.4	83.1	83.1	84.2	85.4
IV 5000	49.0	57.7	60.2	64.5	67.9	68.6	71.2	72.1	72.1	76.0	77.4	77.4	83.1	83.1	84.2	85.4
IV 4500	49.0	57.7	60.2	64.5	67.9	68.6	71.2	72.1	72.1	76.0	77.4	77.4	83.1	83.1	84.2	85.4
IV 4000	49.0	57.7	60.2	64.5	68.0	68.7	71.4	72.3	72.3	76.7	78.2	78.2	83.8	83.8	84.9	86.1
IV 3500	49.0	57.7	60.2	64.7	68.2	68.9	71.6	72.5	72.5	76.9	78.3	78.3	84.0	84.0	85.1	86.3
IV 3000	49.0	57.7	60.2	64.7	68.4	69.1	71.6	72.6	72.6	77.1	78.5	78.5	84.2	84.2	85.3	86.5
IV 2500	49.2	58.3	60.7	65.5	69.3	70.0	72.6	73.5	73.5	79.0	80.5	80.5	86.1	86.1	87.2	88.5
IV 2000	50.6	60.0	63.2	68.0	72.5	73.2	76.0	76.9	76.9	83.1	85.3	85.3	91.5	91.5	92.7	94.0
IV 1800	50.6	60.0	63.2	68.0	72.5	73.2	76.0	76.9	76.9	83.1	85.3	85.3	91.5	91.5	92.7	94.0
IV 1500	50.6	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	84.7	87.0	87.0	93.6	93.6	95.2	96.4
IV 1200	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	84.9	87.2	87.2	94.0	94.0	95.6	96.8
IV 1000	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	84.9	87.2	87.2	94.0	94.0	95.6	96.8
IV 900	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 800	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 700	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 600	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 500	50.8	60.4	64.3	69.1	74.1	74.8	77.6	78.9	79.0	85.6	87.9	88.1	95.0	95.2	96.0	97.9
IV 400	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.2	85.8	88.1	88.3	95.2	95.4	96.0	98.0
IV 300	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.2	85.8	88.1	88.3	95.2	95.4	96.0	98.0
IV 200	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.2	85.8	88.1	88.3	95.2	95.4	96.0	98.0
IV 100	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.2	85.8	88.1	88.3	95.2	95.4	96.0	98.0
IV 0	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.2	85.8	88.1	88.3	95.2	95.4	96.0	98.0

TOTAL NUMBER OF OBSERVATIONS

563

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

17801
STATION

RESERVE SITE 01101101

27-65

YEARS

DATE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	61.8	64.7	66.3	69.5	70.2	72.0	72.9	72.9	75.0	75.0	75.0	75.0	77.1	77.1	77.1
≥ 20000	52.3	61.8	64.7	66.3	69.5	70.2	72.0	72.9	72.9	75.0	75.0	75.0	75.0	77.1	77.1	77.1
IV 18000	52.3	61.9	64.8	66.5	69.7	70.3	72.1	73.1	73.1	75.2	76.0	76.0	76.0	77.1	77.3	78.2
IV 16000	52.3	61.9	64.8	66.5	69.7	70.3	72.1	73.1	73.1	75.2	76.0	76.0	76.0	77.1	77.3	78.2
IV 14000	52.4	62.1	65.0	66.6	69.8	70.5	72.2	73.2	73.2	75.3	76.1	76.1	76.1	77.3	77.4	78.4
IV 12000	52.6	62.6	65.5	67.1	70.3	71.0	73.4	73.7	73.7	75.8	76.6	76.6	76.6	77.7	77.9	78.9
IV 10000	52.9	63.1	66.0	67.6	70.4	71.5	73.9	74.2	74.2	76.3	77.1	77.1	77.1	78.2	78.4	79.4
IV 9000	53.2	63.2	66.1	67.7	71.1	71.8	74.2	74.5	74.5	76.6	77.6	77.6	77.6	78.7	78.9	79.8
IV 8000	53.5	63.0	67.9	69.5	73.1	73.7	77.3	77.6	77.6	79.7	81.0	81.0	81.0	82.1	82.3	84.7
IV 7000	54.4	66.3	69.5	71.1	75.2	75.8	79.5	80.0	80.0	82.1	83.4	83.4	83.4	85.5	85.0	87.4
IV 6000	55.0	67.5	70.5	72.3	76.3	76.9	80.0	81.1	81.1	83.2	84.7	84.7	84.7	87.3	87.7	89.2
IV 5000	55.2	67.4	70.6	72.4	76.3	77.1	80.0	81.3	81.3	83.4	84.8	84.8	84.8	87.0	88.1	89.5
IV 4500	55.2	67.4	70.6	72.4	76.3	77.1	80.0	81.3	81.3	83.4	84.8	84.8	84.8	87.0	88.1	89.5
IV 4000	55.2	67.4	70.6	72.4	76.3	77.1	80.0	81.3	81.3	83.4	84.8	84.8	84.8	87.0	88.1	89.5
IV 3500	55.2	67.6	71.0	72.9	76.9	77.6	81.3	81.8	81.8	83.9	85.3	85.3	85.3	88.1	88.7	90.2
IV 3000	55.2	67.7	71.1	73.2	77.4	78.1	81.9	82.4	82.4	84.5	86.0	86.0	86.0	89.7	90.3	91.8
IV 2500	55.2	67.7	71.1	73.5	77.9	78.5	82.7	83.2	83.2	85.3	86.8	86.8	86.8	90.3	91.1	92.6
IV 2000	55.5	68.7	72.3	75.0	79.4	80.0	84.2	84.7	84.7	86.8	88.2	88.2	88.2	91.9	92.6	94.0
IV 1800	55.5	68.7	72.3	75.2	79.5	80.2	84.4	84.8	84.8	86.9	88.4	88.4	88.4	92.1	92.7	94.2
IV 1500	56.1	69.7	73.2	76.5	80.8	81.5	86.0	86.5	86.5	88.5	90.2	90.2	90.2	93.9	94.5	96.0
IV 1200	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	94.7	96.1
IV 1000	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	94.8	96.5
IV 900	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	96.9
IV 800	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 700	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 600	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 500	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 400	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 300	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 200	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 100	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	97.1
IV 0	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	90.3	94.0	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS

620

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE AIRPORT
STATION NAME

27-60
YEARS

AN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	70.3	61.8	63.2	66.5	69.5	69.7	71.9	72.1	72.1	73.5	74.0	74.0	74.0	74.0	75.2	75.6
IV 18000	70.3	61.8	63.2	66.5	69.5	69.7	71.9	72.1	72.1	73.5	74.0	74.0	74.0	74.0	75.2	75.6
IV 16000	70.3	61.8	63.2	66.5	69.5	69.7	71.9	72.1	72.1	73.5	74.0	74.0	74.0	74.0	75.2	75.6
IV 14000	70.3	62.1	63.5	66.8	69.5	70.0	72.3	72.4	72.4	73.9	74.4	74.4	74.4	75.2	75.5	76.0
IV 12000	70.3	62.1	63.6	66.9	70.0	70.2	72.4	72.6	72.6	74.0	74.5	74.5	74.5	75.3	75.6	76.1
IV 10000	70.6	62.6	66.1	67.4	70.5	70.6	72.9	73.1	73.1	74.5	75.0	75.0	75.0	75.8	76.1	76.6
IV 9000	70.6	62.7	66.5	67.7	71.0	71.1	72.9	73.5	73.5	75.0	75.6	75.6	75.6	76.5	76.8	77.3
IV 8000	72.1	64.8	66.5	70.0	73.2	73.4	76.5	76.6	76.6	78.2	78.9	78.9	80.6	81.0	81.9	81.9
IV 7000	73.1	67.3	71.1	72.6	76.6	76.8	80.2	81.0	81.0	82.6	83.2	83.2	85.2	85.5	86.6	86.6
IV 6000	73.2	67.7	72.3	73.7	77.7	77.9	81.3	82.1	82.1	83.7	84.5	84.5	86.9	87.3	88.4	88.4
IV 5000	73.2	67.7	72.3	73.7	77.7	77.9	81.3	82.1	82.1	83.7	84.5	84.5	87.1	87.4	88.5	88.5
IV 4500	73.2	67.7	72.3	73.7	77.7	77.9	81.3	82.1	82.1	83.7	84.5	84.5	87.1	87.4	88.5	88.5
IV 4000	73.2	67.9	72.4	74.0	78.1	78.2	81.6	82.4	82.4	84.0	84.8	84.8	87.4	87.7	88.9	88.9
IV 3500	73.2	67.9	72.4	74.0	78.2	78.4	81.6	82.6	82.6	84.2	85.0	85.0	87.7	88.1	89.2	89.2
IV 3000	73.7	68.4	73.2	75.2	79.5	79.7	83.2	84.0	84.0	85.6	86.5	86.5	89.8	90.2	91.3	91.3
IV 2500	74.0	69.0	74.0	76.1	80.8	81.0	84.5	85.5	85.5	87.1	87.9	88.1	91.3	91.6	92.7	92.9
IV 2000	74.0	69.0	74.0	76.1	80.8	81.0	84.5	85.5	85.5	87.1	87.9	88.1	91.3	91.6	92.7	92.9
IV 1800	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1600	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1400	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1200	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1000	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 900	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 800	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 700	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 600	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 500	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 400	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 300	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 200	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 100	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 0	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
710 DEARBORN DRIVE/HAL

CEILING VERSUS VISIBILITY

1/901
STATION

RESOLUTION NOT DUTY APT
STATION NAME

27-66
YEARS

AL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING ≥ 20000	43.3	33.7	33.0	36.9	60.3	60.3	63.0	66.3	66.6	64.3	69.4	69.4	70.3	70.8	71.3	71.3
IV 18000	43.7	33.9	33.2	37.1	60.3	60.3	63.2	66.6	66.8	64.7	69.5	69.5	70.6	71.0	71.5	71.5
IV 16000	43.4	34.0	33.3	37.3	60.6	60.6	63.3	66.9	67.1	64.9	69.7	69.7	70.8	71.1	71.9	71.9
IV 14000	43.4	34.0	33.3	37.3	60.6	60.6	63.3	66.9	67.1	64.9	69.7	69.7	70.8	71.1	71.9	71.9
IV 12000	46.0	34.4	33.8	37.6	61.1	61.1	66.0	67.4	67.6	69.5	70.3	70.3	71.5	71.8	72.6	72.6
IV 10000	44.2	34.6	34.1	38.1	61.6	61.6	66.2	68.1	68.2	70.2	71.0	71.0	72.1	72.4	73.2	73.2
IV 9000	45.3	35.1	37.4	39.4	62.7	62.9	67.7	69.4	69.5	71.5	72.3	72.3	73.4	73.7	74.5	74.5
IV 8000	45.3	35.5	37.7	39.8	63.4	63.4	68.2	69.8	70.0	71.9	72.7	72.7	74.0	74.4	75.2	75.2
IV 7000	46.5	37.7	39.4	61.9	63.3	63.3	70.6	72.4	72.6	74.8	75.6	75.6	77.4	77.7	78.7	79.0
IV 6000	46.9	34.4	61.8	64.8	66.9	69.2	74.2	76.1	76.3	79.0	79.2	81.9	82.7	82.7	83.3	84.2
IV 5000	47.4	60.0	62.6	66.0	70.3	70.6	75.8	77.9	78.1	80.8	81.6	81.6	84.0	84.4	85.3	86.0
IV 4500	48.2	61.0	63.7	67.1	71.2	71.6	76.9	79.0	79.2	81.9	82.7	82.7	85.2	85.5	86.5	87.1
IV 4000	49.2	61.0	63.7	67.3	71.8	72.1	77.3	79.4	79.5	82.3	83.1	83.1	85.3	85.8	86.8	87.4
IV 3500	48.2	61.3	64.0	67.6	72.1	72.4	77.6	79.8	79.8	82.6	83.4	83.4	85.8	86.1	87.1	87.7
IV 3000	48.2	61.3	64.2	67.9	72.7	73.1	78.5	80.8	81.0	83.9	84.7	84.7	87.3	87.6	88.7	89.4
IV 2500	48.4	61.6	64.4	68.2	73.4	73.7	79.2	81.5	81.6	84.3	85.3	85.3	87.9	88.2	89.4	90.0
IV 2000	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1800	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1600	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1400	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1200	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1000	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 900	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 800	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 700	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 600	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 500	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 400	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 300	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 200	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 100	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 0	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8

TOTAL NUMBER OF OBSERVATIONS

627

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DIST APT
STATION NAME

57-66

YEARS

AK

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	30.5	34.4	38.1	61.0	62.1	65.2	67.4	67.6	69.4	70.2	70.2	71.0	71.6	73.1	73.5
≥ 20000	41.5	31.0	34.8	38.7	62.3	62.7	66.1	68.1	68.2	70.0	70.8	70.8	71.2	72.1	72.3	73.7
≥ 18000	41.0	31.1	35.3	39.2	62.7	63.2	66.0	68.5	68.7	70.5	71.3	71.3	72.7	72.9	74.7	75.5
≥ 16000	41.0	31.1	35.3	39.2	62.7	63.2	66.0	68.5	68.7	70.5	71.3	71.3	72.7	72.9	74.7	75.5
≥ 14000	41.0	31.8	36.0	39.8	63.4	63.9	67.0	69.7	69.8	71.6	72.4	72.4	73.9	74.0	75.0	76.6
≥ 12000	41.0	31.9	36.1	40.3	64.2	64.7	68.4	70.5	70.6	72.6	73.4	73.4	74.8	75.0	76.0	77.4
≥ 10000	42.6	32.9	37.3	41.5	65.3	65.8	69.5	71.6	71.9	73.9	74.7	74.7	76.1	76.3	78.1	78.9
≥ 9000	42.7	33.1	37.4	41.6	65.5	66.0	69.7	71.8	72.1	74.0	74.8	74.8	76.5	76.6	78.4	79.2
≥ 8000	42.9	33.5	38.2	42.6	66.8	67.4	71.1	73.2	73.5	75.8	76.8	76.8	78.3	78.7	80.5	81.3
≥ 7000	43.1	33.0	39.7	44.5	69.4	69.8	73.7	76.3	76.6	79.4	80.6	80.6	82.7	82.9	84.6	86.0
≥ 6000	43.2	33.6	40.5	45.5	70.5	71.0	74.6	77.7	78.1	81.3	82.0	82.6	84.8	85.2	87.3	88.5
≥ 5000	43.2	33.8	40.6	45.6	70.6	71.3	75.2	78.1	78.4	81.6	82.9	82.7	85.2	85.5	87.6	88.9
≥ 4500	43.2	33.6	40.6	45.6	70.6	71.3	75.2	78.1	78.4	81.6	82.9	82.7	85.2	85.5	87.6	88.9
≥ 4000	43.4	34.1	41.0	46.0	71.1	71.6	75.5	78.5	78.9	82.1	83.4	83.4	85.6	86.0	88.1	89.4
≥ 3500	43.4	34.1	41.0	46.0	71.1	71.6	75.5	78.5	78.9	82.1	83.4	83.4	85.6	86.0	88.1	89.4
≥ 3000	43.5	34.3	41.1	46.1	71.3	71.9	76.0	79.0	79.4	82.6	83.9	83.9	86.1	86.5	88.5	89.8
≥ 2500	43.5	34.3	41.3	46.6	71.9	72.6	76.8	79.8	80.2	83.4	85.0	85.0	87.3	87.6	89.7	91.0
≥ 2000	44.2	34.9	41.9	47.4	72.7	73.4	77.0	80.6	81.0	84.5	86.3	86.3	88.7	89.0	91.1	92.4
≥ 1800	44.2	34.9	41.9	47.4	72.7	73.4	77.0	80.6	81.0	84.5	86.3	86.3	88.7	89.0	91.1	92.4
≥ 1500	44.4	35.1	42.1	47.6	72.9	73.5	77.2	81.3	81.6	85.3	87.3	87.3	89.8	90.2	92.3	93.5
≥ 1200	44.4	35.1	42.1	47.6	72.9	73.5	77.2	81.3	81.6	85.3	87.4	87.4	90.0	90.3	92.6	93.9
≥ 1000	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	85.8	87.9	87.9	90.5	90.8	93.2	95.5
≥ 900	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	85.8	88.1	88.1	90.8	91.1	93.5	96.0
≥ 800	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	91.8	94.2	96.6
≥ 700	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	91.9	94.5	97.3
≥ 600	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	94.7	97.4
≥ 500	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.0	98.1
≥ 400	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.0	98.2
≥ 300	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.3	98.4
≥ 200	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.5	98.9
≥ 100	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.5	98.9
≥ 0	44.4	35.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

1/901
STATION

RESOLUTE AFB DUTY APT
STATION NAME

57-66
YEARS

1 AK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	53.9	50.6	60.5	63.5	63.7	60.5	67.0	67.7	69.7	70.0	70.0	71.0	71.9	72.1	72.9
≥ 20000	43.5	54.5	57.4	61.3	64.4	64.5	67.3	68.4	69.5	70.6	71.6	71.6	72.7	72.9	73.7	73.9
≥ 18000	43.9	55.6	56.7	62.6	65.6	65.8	68.5	69.7	69.8	71.9	72.9	72.9	74.4	74.5	75.5	75.6
≥ 16000	43.9	55.6	56.7	62.6	65.6	65.8	68.5	69.7	69.8	71.9	72.9	72.9	74.4	74.5	75.5	75.6
≥ 14000	44.5	56.5	57.7	63.5	66.9	67.1	70.0	71.1	71.6	73.9	74.8	74.8	76.3	76.5	77.4	77.6
≥ 12000	44.7	56.9	60.2	64.2	67.7	67.9	70.8	71.9	72.4	75.2	76.3	76.3	77.7	77.9	79.0	79.2
≥ 10000	45.0	57.3	60.5	64.5	68.2	68.4	71.3	72.4	72.9	75.8	76.9	76.9	78.4	78.5	79.7	79.8
≥ 9000	45.0	57.3	60.5	64.5	68.2	68.4	71.3	72.4	72.9	75.8	76.9	76.9	78.4	78.5	79.7	79.8
≥ 8000	45.5	57.9	61.1	65.3	69.2	69.4	72.0	74.2	74.7	77.7	78.9	78.9	80.3	80.5	81.8	82.1
≥ 7000	45.5	58.4	61.6	66.0	70.5	70.6	74.2	76.0	76.5	80.0	81.1	81.1	83.2	83.4	84.8	85.4
≥ 6000	45.6	58.9	62.1	66.5	71.3	71.5	75.5	77.6	78.1	81.8	83.2	83.2	85.5	85.6	87.1	87.9
≥ 5000	45.6	59.2	62.4	66.8	71.6	71.8	75.8	77.9	78.4	82.1	83.5	83.5	85.8	86.0	87.4	88.2
≥ 4500	45.6	59.2	62.4	66.8	71.6	71.8	75.8	77.9	78.4	82.1	83.5	83.5	85.8	86.0	87.4	88.2
≥ 4000	45.6	59.4	62.6	66.9	71.6	71.9	76.0	78.1	78.5	82.4	83.9	83.9	86.1	86.3	87.7	88.5
≥ 3500	46.0	59.7	62.9	67.3	72.1	72.3	76.3	78.4	78.9	82.9	84.4	84.4	86.6	86.8	88.2	89.0
≥ 3000	46.3	60.3	63.7	68.2	73.2	73.4	77.0	79.7	80.2	84.4	85.8	85.8	88.1	88.4	89.8	90.6
≥ 2500	46.5	60.3	63.7	68.2	73.4	73.5	77.7	80.0	80.5	84.7	86.1	86.1	88.4	88.9	90.3	91.1
≥ 2000	46.5	60.3	63.7	68.4	74.0	74.2	78.4	80.6	81.1	85.8	87.3	87.3	89.5	90.0	91.0	92.4
≥ 1800	46.5	60.3	63.7	68.4	74.2	74.5	78.7	81.0	81.5	86.3	87.9	87.9	90.2	90.6	92.4	93.4
≥ 1500	46.5	60.3	63.7	68.4	74.2	74.5	78.7	81.0	81.5	86.3	87.9	87.9	90.2	90.6	92.4	93.4
≥ 1200	46.6	60.5	63.9	68.5	74.4	74.7	78.9	81.3	81.8	86.6	88.2	88.2	90.5	91.0	92.7	93.7
≥ 1000	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 900	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 800	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 700	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 600	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 500	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 400	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 300	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 200	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 100	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 0	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTE AIR UNIT APT
STATION NAME

27-66
YEARS

1-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	45.5	54.7	58.8	61.1	64.8	65.5	67.7	70.0	70.0	71.9	73.2	73.2	73.5	73.7	74.5	74.5
≥ 20000	45.0	54.6	58.9	61.3	65.5	66.1	68.5	70.6	70.6	72.6	73.9	73.9	74.2	74.4	75.2	75.2
WV 18000	46.1	55.6	57.7	62.1	66.3	66.9	69.4	71.5	71.5	74.0	75.5	75.5	76.1	76.3	77.1	77.1
WV 16000	46.3	55.8	57.9	62.3	66.5	67.1	69.5	71.6	71.6	74.2	75.6	75.6	76.3	76.5	77.3	77.3
WV 14000	46.8	56.3	58.4	62.7	66.9	67.6	70.0	72.3	72.3	75.2	76.6	76.6	77.4	77.6	78.4	78.4
WV 12000	46.8	56.6	58.7	63.1	67.3	67.9	70.5	72.9	72.9	76.0	77.4	77.4	78.2	78.4	79.2	79.2
WV 10000	46.8	56.6	58.9	63.2	67.6	68.2	71.0	73.4	73.4	76.6	78.2	78.2	79.0	79.2	80.2	80.2
WV 9000	46.8	56.8	59.0	63.4	67.7	68.4	71.5	74.0	74.0	77.3	78.9	78.9	79.7	79.8	80.8	80.8
WV 8000	47.4	58.4	60.8	65.2	69.5	70.2	73.7	76.5	76.6	79.8	81.5	81.5	82.3	82.4	83.4	83.4
WV 7000	47.6	59.2	61.8	66.1	71.1	71.9	76.5	79.0	79.2	82.7	84.5	84.5	86.0	86.1	87.1	88.4
WV 6000	48.1	59.7	62.3	66.6	71.8	72.6	76.9	79.7	79.8	83.7	85.5	85.5	87.3	87.6	88.5	89.8
WV 5000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 4500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 4000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 3500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 3000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 2500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 2000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1800	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1200	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 900	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 800	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 700	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 600	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 400	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 300	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 200	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 100	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 0	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901 RESOLUTE -1 DIT API
STATION STATION NAME

37-66

YEARS

DATE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	54.4	60.5	63.7	67.7	69.5	70.9	71.5	72.3	72.7	72.7	73.4	73.5	73.7	73.9	
≥ 20000	48.9	54.0	61.1	64.4	68.7	69.5	71.0	72.4	72.4	73.2	73.7	73.7	74.4	74.5	74.7	74.8
IV 18000	48.9	54.5	61.1	63.0	69.4	70.2	72.3	73.1	73.1	74.2	74.7	74.7	75.5	75.6	75.6	76.0
IV 16000	49.0	54.7	61.9	65.2	69.5	70.3	72.4	73.2	73.2	74.4	74.8	74.8	75.6	75.8	76.0	76.1
IV 14000	49.5	60.2	62.4	65.5	70.3	71.1	73.2	74.0	74.0	75.3	75.8	75.8	77.1	77.3	77.4	77.5
IV 12000	49.7	60.6	62.9	66.3	71.1	72.1	74.4	75.2	75.2	76.5	76.9	76.9	78.2	78.4	78.5	78.7
IV 10000	49.7	60.8	63.1	66.6	71.5	72.4	74.7	75.6	75.6	76.9	77.4	77.4	78.7	78.9	79.0	79.2
IV 9000	49.7	60.8	63.1	66.8	71.6	72.6	74.9	75.8	75.8	77.1	77.6	77.6	79.0	79.2	79.5	79.7
IV 8000	50.3	62.1	64.4	68.5	73.9	74.8	77.7	78.9	78.9	80.2	80.6	80.6	82.4	82.6	82.9	83.2
IV 7000	51.0	63.4	65.8	70.0	75.3	76.3	80.3	81.6	81.6	83.5	84.0	84.0	86.0	86.1	87.5	88.1
IV 6000	51.0	63.5	66.0	70.2	75.5	76.5	80.5	82.1	82.1	84.2	84.7	84.7	86.6	86.8	88.1	89.0
IV 5000	51.0	63.5	66.0	70.2	75.5	76.5	80.5	82.1	82.1	84.2	84.7	84.7	86.6	86.8	88.1	89.0
IV 4500	51.1	63.7	66.1	70.3	75.6	76.6	80.6	82.3	82.3	84.4	85.0	85.0	86.9	87.1	88.4	89.4
IV 4000	51.1	63.9	66.3	71.0	76.3	77.3	81.5	82.9	82.9	85.0	85.6	85.6	87.6	87.7	89.0	90.0
IV 3500	51.1	63.9	66.3	71.0	76.5	77.4	81.6	83.2	83.2	85.5	86.1	86.1	88.1	88.2	89.5	90.5
IV 3000	51.1	64.5	67.1	71.8	77.5	78.2	82.7	84.5	84.5	86.9	87.6	87.6	89.5	89.7	91.0	91.9
IV 2500	51.3	64.7	67.3	71.9	77.4	78.4	82.9	84.7	84.7	87.1	87.7	87.7	89.7	89.8	91.1	92.1
IV 2000	51.0	65.3	67.9	72.9	78.4	79.4	83.9	85.6	85.6	88.4	89.2	89.2	91.1	91.5	92.7	93.7
IV 1800	51.0	65.3	67.9	72.9	78.4	79.4	83.9	85.6	85.6	88.4	89.2	89.2	91.1	91.5	92.7	93.7
IV 1500	51.0	65.3	67.9	72.9	78.5	79.5	84.2	86.1	86.3	88.9	90.0	90.2	92.1	92.4	94.5	95.6
IV 1200	51.8	65.5	68.1	73.1	78.7	79.7	84.5	86.5	86.6	89.2	90.5	90.6	92.6	92.9	95.0	96.1
IV 1000	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 900	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 800	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 700	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 600	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 500	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 400	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 300	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 200	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 100	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 0	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
AFETAC
AIR WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

17921
STATION

RESERVE AND USE API
STATION NAME

57-66
YEARS

04
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	51.1	61.8	64.0	67.3	69.4	69.7	71.4	71.9	72.1	73.5	74.4	74.4	75.5	75.6	76.0	76.8
≥ 20000	51.3	61.5	65.0	67.4	69.5	69.8	72.1	72.1	72.3	73.7	74.5	74.5	75.6	75.8	76.0	76.9
≥ 18000	51.3	61.9	65.0	67.4	69.5	69.8	72.1	72.1	72.3	73.7	74.5	74.5	75.6	75.8	76.0	76.9
≥ 16000	51.3	62.1	65.2	67.6	69.7	70.0	72.3	72.3	72.4	73.9	74.7	74.7	75.8	76.0	76.1	77.1
≥ 14000	51.0	62.4	65.5	67.9	70.0	70.3	72.0	72.6	72.7	74.4	75.2	75.2	76.3	76.5	77.4	77.7
≥ 12000	52.3	63.2	66.5	68.9	71.0	71.3	73.5	73.5	73.7	75.3	76.1	76.1	77.3	77.4	78.4	78.7
≥ 10000	52.6	64.0	67.3	69.7	71.8	72.1	74.4	74.4	74.5	76.3	77.1	77.1	78.2	78.4	79.4	79.7
≥ 9000	52.7	64.4	67.6	70.0	72.3	72.6	74.6	74.8	75.0	76.8	77.7	77.7	78.9	79.0	80.2	80.5
≥ 8000	53.5	65.3	68.7	71.1	73.5	73.9	76.5	76.5	76.6	78.4	79.5	79.5	81.3	81.6	82.9	83.4
≥ 7000	54.4	67.4	71.1	74.0	77.1	77.7	80.5	80.5	80.6	82.4	83.5	83.5	85.3	85.6	87.7	88.2
≥ 6000	54.4	67.6	71.3	74.2	77.3	77.9	80.5	80.8	81.0	82.7	84.2	84.2	86.1	86.5	88.3	89.0
≥ 5000	54.4	67.7	71.5	74.4	77.4	78.1	80.6	81.0	81.1	82.9	84.4	84.4	86.3	86.6	88.7	89.2
≥ 4500	54.4	67.7	71.5	74.4	77.4	78.1	80.6	81.0	81.1	82.9	84.4	84.4	86.3	86.6	88.7	89.2
≥ 4000	54.4	67.7	71.5	74.5	77.7	78.4	81.0	81.3	81.5	83.2	84.7	84.7	86.6	86.9	89.0	89.5
≥ 3500	54.4	67.7	71.5	74.5	78.2	78.9	81.5	81.9	82.1	83.9	85.3	85.3	87.3	87.6	89.7	90.2
≥ 3000	54.7	68.2	71.9	75.0	78.4	79.7	82.4	82.9	83.1	84.8	86.3	86.3	88.5	88.9	91.0	91.5
≥ 2500	55.0	68.5	72.4	75.5	79.4	80.2	82.9	83.4	83.5	85.3	86.8	86.8	89.4	89.7	91.8	92.3
≥ 2000	55.0	68.7	72.7	76.0	79.6	80.6	83.4	84.4	84.5	86.5	87.9	87.9	90.5	90.8	92.9	93.4
≥ 1800	55.0	68.7	72.7	76.1	80.0	80.8	84.2	84.7	84.8	86.8	88.2	88.2	90.8	91.1	93.2	93.7
≥ 1500	55.2	69.0	73.1	76.5	80.6	81.6	85.0	85.5	85.6	88.1	89.7	89.7	92.4	92.7	94.8	95.3
≥ 1200	55.2	69.0	73.1	76.5	80.6	81.6	85.0	85.5	85.6	88.1	89.7	89.7	92.4	92.7	94.8	95.3
≥ 1000	55.2	69.2	73.2	76.6	81.0	81.9	85.5	86.0	86.3	89.4	91.3	91.3	94.2	94.5	96.6	97.3
≥ 900	55.2	69.2	73.2	76.6	81.0	81.9	85.5	86.0	86.3	89.4	91.3	91.3	94.2	94.5	96.6	97.3
≥ 800	55.2	69.2	73.2	76.6	81.0	81.9	85.5	86.0	86.3	89.4	91.3	91.3	94.2	94.5	96.6	97.3
≥ 700	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 600	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 500	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 400	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 300	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 200	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 100	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 0	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE POINT, WY
STATION NAME

27-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	49.2	58.8	60.7	62.5	64.0	64.5	67.0	68.0	68.0	69.2	69.5	69.5	69.5	69.5	70.3	70.2
≥ 20000	49.5	59.3	61.2	63.0	64.5	64.5	67.5	68.5	68.5	70.0	70.3	70.3	70.3	70.3	71.0	71.0
IV 18000	49.7	59.8	61.0	63.7	65.2	65.2	68.5	69.5	69.5	71.0	71.3	71.3	71.3	71.3	71.7	72.0
IV 16000	49.7	59.8	61.0	63.7	65.2	65.2	68.5	69.5	69.5	71.2	71.5	71.5	71.5	71.5	71.8	72.3
IV 14000	50.7	60.8	62.8	64.7	66.2	66.2	69.5	70.8	70.8	72.3	72.7	72.7	72.7	72.7	73.0	73.5
IV 12000	50.7	60.8	62.8	64.7	66.2	66.2	69.5	70.8	70.8	72.3	72.7	72.7	72.7	72.7	73.0	73.5
IV 10000	51.2	61.8	63.0	65.8	67.7	67.7	71.2	72.5	72.5	74.0	74.3	74.3	74.3	74.3	74.7	75.0
IV 9000	51.3	62.7	64.7	66.7	68.5	68.5	72.0	73.3	73.3	74.8	75.2	75.2	75.2	75.2	75.5	76.0
IV 8000	52.0	63.8	66.5	68.5	70.8	70.8	75.0	76.5	76.5	78.3	78.8	78.8	78.8	78.8	79.2	79.7
IV 7000	52.7	65.2	68.0	70.0	72.5	72.5	77.5	79.2	79.2	82.7	83.3	83.3	83.3	83.3	84.0	85.0
IV 6000	52.8	65.5	68.3	70.5	73.5	73.5	78.5	80.3	80.3	84.0	84.8	84.8	84.8	84.8	85.5	86.5
IV 5000	53.0	66.0	68.8	71.0	74.2	74.2	79.2	81.5	81.5	85.0	85.8	85.8	85.8	85.8	86.5	87.5
IV 4500	53.2	66.3	69.2	71.3	74.5	74.5	79.5	81.7	81.7	85.3	86.2	86.2	86.2	86.2	86.8	87.8
IV 4000	53.5	66.7	69.5	71.7	74.8	74.8	80.0	82.2	82.2	85.8	86.7	86.7	86.7	86.7	87.3	88.3
IV 3500	53.5	66.8	69.7	71.8	75.2	75.2	80.5	82.7	82.7	86.3	87.2	87.2	87.2	87.2	87.8	88.8
IV 3000	53.7	67.5	70.7	73.2	77.0	77.0	82.5	84.5	84.5	88.5	89.7	89.7	89.7	89.7	90.3	91.5
IV 2500	53.8	67.8	71.0	73.7	77.7	77.7	83.2	85.3	85.3	89.3	90.5	90.5	90.5	90.5	91.3	92.0
IV 2000	54.2	68.5	71.7	74.3	79.7	79.7	85.2	87.8	87.8	92.0	93.2	93.2	93.2	93.2	94.0	95.5
IV 1800	54.2	68.5	71.7	75.0	79.8	79.8	85.5	88.2	88.2	92.3	93.5	93.5	93.5	93.5	94.3	95.5
IV 1500	54.2	68.7	71.8	75.5	80.5	80.5	86.2	88.8	88.8	93.0	94.2	94.2	94.2	94.2	95.0	96.2
IV 1200	54.3	69.2	72.3	76.0	81.0	81.0	86.7	89.3	89.3	93.5	94.7	94.7	94.7	94.7	95.5	96.7
IV 1000	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.2	90.2	94.3	95.5	95.5	95.5	95.5	96.3	97.3
IV 900	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.5	95.7	95.7	95.7	95.7	96.2	97.5
IV 800	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.5	95.7	95.7	95.7	95.7	96.2	97.5
IV 700	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.5	95.7	95.7	95.7	95.7	96.2	97.5
IV 600	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	97.2
IV 500	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	97.3
IV 400	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	97.3
IV 300	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	97.3
IV 200	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	97.3
IV 100	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	97.7
IV 0	54.3	69.2	72.3	76.0	81.3	81.3	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESILUTE COT DILL APT
STATION NAME

37-66
YEARS

LPK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	78.0	58.0	60.8	61.5	62.5	62.5	60.5	67.3	67.3	68.0	68.2	68.2	68.5	68.8	69.2	69.2
IV 20000	60.0	59.0	61.6	62.5	63.5	63.5	67.5	68.3	68.3	69.0	69.2	69.2	69.5	69.8	70.0	70.0
IV 18000	59.0	59.0	61.8	62.5	63.5	63.5	67.5	68.7	68.7	69.7	69.8	69.8	70.2	70.2	70.5	70.7
IV 16000	59.0	59.2	62.0	62.7	63.7	63.7	67.7	68.8	68.8	69.8	70.0	70.0	70.3	70.3	70.7	70.7
IV 14000	59.2	59.3	62.3	63.0	64.0	64.0	68.0	69.2	69.2	70.3	70.5	70.5	70.8	70.8	71.2	71.3
IV 12000	59.2	59.3	62.3	63.0	64.0	64.0	68.0	69.2	69.2	70.3	70.5	70.5	70.8	70.8	71.2	71.3
IV 10000	59.2	59.3	62.5	63.2	64.2	64.2	68.3	69.5	69.5	70.7	70.8	70.8	71.2	71.2	71.5	71.8
IV 9000	59.2	59.5	62.7	63.3	64.5	64.5	68.7	69.8	69.8	71.0	71.2	71.2	71.5	71.5	71.8	72.2
IV 8000	50.3	61.8	66.2	67.2	68.8	68.8	73.3	75.2	75.2	76.3	76.7	76.7	77.0	77.0	77.5	78.0
IV 7000	50.3	62.2	66.5	67.8	70.5	70.5	75.3	77.7	77.7	78.3	81.0	81.0	81.3	81.3	81.7	82.7
IV 6000	50.7	62.3	67.0	68.3	71.2	71.2	76.5	79.0	79.0	81.8	82.7	82.7	83.0	83.0	83.3	84.3
IV 5000	50.8	62.7	67.3	68.7	71.7	71.7	77.2	79.7	79.7	82.7	83.5	83.5	83.8	83.8	84.2	85.2
IV 4500	50.8	62.7	67.3	68.8	71.8	71.8	77.3	79.8	79.8	82.8	83.7	83.7	84.0	84.0	84.3	85.3
IV 4000	51.2	63.0	67.8	69.2	72.3	72.3	78.0	80.5	80.5	83.5	84.3	84.3	84.7	84.7	85.0	86.0
IV 3500	51.3	63.2	68.3	69.8	73.3	73.3	79.0	81.5	81.5	84.5	85.3	85.3	85.7	85.7	86.0	87.0
IV 3000	51.6	63.7	69.0	70.8	75.2	75.3	81.0	83.7	83.7	86.7	87.5	87.5	88.3	88.3	89.0	90.0
IV 2500	52.2	64.0	69.5	71.7	76.0	76.2	82.0	84.8	84.8	88.7	89.5	89.5	89.8	89.8	90.2	91.2
IV 2000	52.3	64.2	69.7	71.8	76.7	76.8	82.0	86.0	86.0	90.2	91.2	91.2	91.5	91.5	91.8	93.2
IV 1800	52.3	64.3	69.8	72.0	76.8	77.0	83.0	86.2	86.2	90.3	91.3	91.3	91.7	91.7	92.0	93.3
IV 1500	52.3	64.7	70.2	72.5	77.5	77.7	83.5	87.2	87.2	91.8	92.8	92.8	93.3	93.3	93.8	95.2
IV 1200	52.3	65.0	70.5	72.8	78.2	78.3	84.5	87.8	87.8	92.7	93.7	93.7	94.2	94.2	94.7	96.0
IV 1000	52.7	65.2	70.7	73.0	78.5	78.7	85.0	89.0	89.0	93.8	94.8	94.8	95.7	95.7	96.2	97.1
IV 900	52.7	65.2	70.7	73.0	78.5	78.7	85.0	89.0	89.0	93.8	94.8	94.8	95.7	95.7	96.2	97.1
IV 800	52.7	65.2	70.7	73.0	78.5	78.7	85.0	89.0	89.0	93.8	94.8	94.8	95.7	95.7	96.2	97.1
IV 700	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.2	95.5	95.5	96.3	96.3	96.8	98.7
IV 600	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.2	95.5	95.5	96.3	96.3	96.8	98.7
IV 500	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 400	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 300	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 200	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 100	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 0	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.8	95.8	96.7	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

500

DATA PROCESSING DIVISION
 AIR ETAC
 AIR ETAC SERVICE NO

CEILING VERSUS VISIBILITY

17501
 STATION

CEILING VERSUS VISIBILITY
 STATION NAME

57-66
 YEARS

1. P. 1
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.2	57.3	61.3	63.2	66.3	67.2	70.1	72.3	72.3	73.2	73.3	73.3	73.3	73.3	73.7	73.8
≥ 20000	50.3	57.2	61.2	64.3	67.7	68.3	71.6	73.8	73.8	74.7	74.8	74.8	75.0	75.0	75.3	75.4
≥ 18000	51.3	58.0	63.0	65.2	68.3	69.2	73.0	75.0	75.0	75.8	76.0	76.0	76.7	76.7	77.0	77.2
≥ 16000	51.7	59.3	63.3	65.3	68.0	69.3	73.3	75.3	75.3	76.2	76.3	76.3	77.0	77.0	77.3	77.5
≥ 14000	52.0	59.6	63.3	66.0	69.3	70.0	74.0	76.0	76.0	76.8	77.0	77.0	77.7	77.7	78.0	78.2
≥ 12000	52.0	60.0	64.0	66.2	69.3	70.3	74.3	76.3	76.3	77.2	77.3	77.3	78.0	78.0	78.2	78.7
≥ 10000	52.7	60.7	64.7	66.3	70.2	71.0	75.0	77.0	77.0	77.8	78.0	78.0	78.7	78.7	79.2	79.3
≥ 9000	53.3	61.3	65.3	67.5	70.0	71.7	75.0	77.8	77.8	78.7	78.8	78.8	79.5	79.5	80.0	80.2
≥ 8000	53.7	61.8	66.0	68.3	72.3	73.3	77.7	79.8	79.8	80.8	81.0	81.0	81.7	81.7	82.3	82.5
≥ 7000	53.7	62.3	66.5	68.8	73.3	74.3	78.0	81.0	81.0	83.3	83.7	83.7	84.3	84.3	85.0	85.2
≥ 6000	53.8	62.3	66.7	69.0	73.3	74.3	79.2	81.7	81.7	84.0	84.3	84.3	85.0	85.0	85.8	86.0
≥ 5000	54.3	63.0	67.2	69.3	74.0	75.0	79.7	82.3	82.3	84.7	85.0	85.0	85.7	85.7	86.3	86.7
≥ 4500	54.3	63.0	67.2	69.3	74.2	75.2	79.2	82.3	82.3	84.8	85.2	85.2	85.8	85.8	86.7	86.8
≥ 4000	54.3	63.3	67.7	70.0	74.7	75.8	80.7	83.3	83.3	85.7	86.2	86.2	86.8	86.8	87.8	88.0
≥ 3500	54.3	63.3	67.7	70.0	74.7	75.8	80.7	83.3	83.3	85.7	86.2	86.2	86.8	86.8	87.8	88.0
≥ 3000	55.2	64.0	68.3	70.8	75.7	76.8	81.7	84.3	84.3	87.2	87.8	87.8	88.5	88.5	89.3	89.7
≥ 2500	55.2	64.2	68.6	71.2	76.5	77.7	82.7	85.3	85.3	88.3	89.2	89.2	89.8	89.8	90.8	91.0
≥ 2000	55.3	64.3	69.0	71.8	77.2	78.3	83.7	86.3	86.3	89.8	90.3	90.7	91.3	91.3	92.3	92.5
≥ 1800	55.3	64.3	69.0	71.8	77.2	78.3	83.7	86.3	86.3	89.8	90.3	90.7	91.3	91.3	92.3	92.5
≥ 1500	55.7	64.7	69.3	72.3	77.7	78.8	84.3	88.2	88.3	92.0	92.7	92.8	93.7	93.7	94.7	94.8
≥ 1200	55.7	64.8	69.7	72.8	78.0	79.2	84.7	88.7	88.8	92.3	93.2	93.3	94.2	94.2	95.2	95.3
≥ 1000	55.8	65.1	70.0	72.8	78.3	79.3	85.3	89.3	89.7	93.3	94.3	94.3	94.7	95.7	96.7	97.7
≥ 900	55.8	65.2	70.0	72.8	78.3	79.3	85.3	89.3	89.7	93.3	94.3	94.7	95.7	95.8	96.8	97.8
≥ 800	55.8	65.2	70.0	72.8	78.3	79.3	85.3	89.3	89.7	93.3	94.3	94.7	95.8	96.0	97.2	98.2
≥ 700	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 600	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 500	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 400	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 300	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 200	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 100	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	98.3
≥ 0	55.8	65.3	70.2	73.0	78.3	79.7	85.3	89.7	89.8	93.3	94.7	94.8	96.0	96.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

400

DATA PROCESSING DIVISION
USAF ETAC
NEW SEATTLE, WASHINGTON

CEILING VERSUS VISIBILITY

STATION
17901

STATION NAME
RESCUE 101 DLI API

YEARS
57-66

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0
NO CEILING	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 20000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 18000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 16000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 14000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 12000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 10000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 9000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 8000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 7000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 6000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 5000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 4500	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 4000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 3500	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 3000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 2500	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 2000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 1800	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 1500	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 1200	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 1000	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 900	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 800	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 700	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 600	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 500	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 400	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 300	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 200	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 100	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1
≥ 0	57.3	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.1

TOTAL NUMBER OF OBSERVATIONS

600

ATA PROGRESSIVE DIVISION
 USAF ETAC
 1700 LATES - 1700 HOURS

CEILING VERSUS VISIBILITY

STATION
 STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.0	61.2	63.2	66.5	67.5	69.5	70.0	70.2	71.8	72.2	72.2	72.3	72.3	72.3	72.7	73.0
≥ 20000	71.0	62.7	64.6	66.2	68.7	71.2	72.2	72.3	74.0	74.3	74.3	74.3	74.3	74.3	74.3	75.2
IV 18000	62.3	60.7	63.7	65.8	65.5	70.2	72.8	74.0	74.3	76.2	76.5	76.5	76.7	76.7	77.5	77.7
IV 16000	63.0	61.3	64.3	66.5	70.3	71.2	73.5	75.0	75.3	77.2	77.5	77.5	77.7	77.7	78.5	78.7
IV 14000	63.7	62.2	65.3	67.5	71.3	72.4	75.0	76.2	76.5	78.5	79.0	79.0	79.2	79.2	79.5	80.2
IV 12000	63.6	62.3	65.5	67.7	71.5	72.3	75.5	76.8	77.2	79.3	80.0	80.0	80.2	80.2	80.8	81.2
IV 10000	64.0	62.5	65.7	68.0	72.0	72.8	76.2	77.5	77.8	80.2	80.8	80.8	81.0	81.0	81.7	82.2
IV 9000	64.3	62.8	66.0	68.3	72.3	73.7	76.5	77.8	78.2	80.7	81.3	81.3	81.7	81.7	82.5	83.0
IV 8000	64.6	63.7	67.0	69.5	73.7	74.5	78.3	79.8	80.2	82.8	83.5	83.5	83.8	83.8	84.7	85.2
IV 7000	65.5	64.5	67.6	70.3	75.2	76.0	79.9	81.3	81.7	84.7	85.3	85.3	86.0	86.2	87.5	88.0
IV 6000	65.6	65.0	68.5	71.0	75.6	76.8	81.0	82.7	83.0	86.0	86.7	86.7	87.5	87.5	88.5	89.5
IV 5000	65.6	65.2	68.7	71.2	76.0	77.0	81.2	82.8	83.2	86.2	86.8	86.8	87.7	87.8	89.5	90.0
IV 4500	65.6	65.3	68.8	71.3	76.2	77.2	81.3	83.7	83.3	86.3	87.0	87.1	87.8	88.0	89.7	90.2
IV 4000	65.6	65.3	68.8	71.3	76.2	77.2	81.3	83.0	83.3	86.3	87.0	87.0	87.8	88.0	89.5	90.3
IV 3500	65.6	65.3	69.2	71.7	76.5	77.5	81.7	83.3	83.7	86.7	87.3	87.3	88.2	88.3	90.2	90.7
IV 3000	65.6	65.7	69.8	72.3	77.3	78.8	83.2	85.0	85.3	88.8	89.5	89.5	90.5	90.5	92.5	93.0
IV 2500	66.0	65.6	70.0	72.7	77.3	79.3	83.8	86.0	86.5	90.0	90.7	90.7	91.7	91.7	93.7	94.2
IV 2000	66.7	66.7	70.6	73.7	78.6	80.5	85.0	87.2	87.7	91.2	91.8	91.8	92.8	93.0	95.0	95.5
IV 1800	66.0	66.8	71.0	73.8	79.0	80.7	85.4	87.3	87.8	91.3	92.0	92.0	93.0	93.2	95.2	95.7
IV 1600	66.6	66.8	71.0	73.8	79.0	80.8	85.5	87.5	88.0	91.7	92.7	92.7	93.7	93.8	96.0	96.5
IV 1400	66.0	66.8	71.0	73.8	79.0	80.8	85.5	87.5	88.0	92.0	93.2	93.2	94.2	94.3	96.5	97.7
IV 1200	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 1000	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 800	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 600	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 500	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 400	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 300	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 200	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 100	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 0	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 600

ATC PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17901
STATION

STATION NAME
STATION NAME

27-66

YEARS

MONTH
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	24.5	33.5	64.7	67.5	69.0	70.5	71.2	74.5	74.8	75.0	75.7	75.7	76.2	76.2	76.2	76.5
≥ 20000	24.8	33.8	65.2	68.5	70.0	71.7	74.5	76.2	76.2	76.3	77.0	77.1	77.7	77.7	77.7	78.0
≥ 18000	25.5	34.5	65.5	68.5	71.0	72.8	76.0	77.8	77.8	78.0	78.7	79.0	79.3	79.3	79.3	79.7
≥ 16000	26.2	35.2	66.5	70.0	72.5	73.5	76.1	78.5	78.5	78.7	79.5	79.5	80.2	80.2	80.2	80.5
≥ 14000	27.5	36.3	67.7	71.2	73.7	74.7	77.5	79.7	79.7	80.2	81.0	81.3	81.7	81.7	81.7	82.0
≥ 12000	27.5	36.5	67.8	71.3	74.0	75.2	78.5	80.7	80.7	81.2	82.2	82.7	83.0	83.0	83.3	83.3
≥ 10000	27.0	36.8	68.2	71.7	74.7	75.8	79.2	81.5	81.3	82.0	83.0	83.5	83.8	83.8	84.2	84.2
≥ 9000	28.2	37.5	69.0	72.5	75.8	77.0	80.5	82.5	82.5	83.2	84.2	84.7	85.0	85.0	85.0	85.3
≥ 8000	29.5	38.2	70.2	73.7	77.0	78.2	82.0	84.2	84.2	84.8	86.0	86.5	86.8	86.8	86.8	87.1
≥ 7000	28.7	38.5	70.5	74.2	78.3	79.5	83.5	86.0	86.0	87.5	88.8	89.3	90.0	90.0	90.0	90.5
≥ 6000	30.0	39.0	71.0	74.7	78.8	80.0	84.0	86.5	86.5	88.3	89.7	90.2	91.0	91.2	91.2	91.7
≥ 5000	30.8	39.0	71.0	74.7	78.8	80.0	84.0	86.5	86.5	88.3	89.7	90.2	91.0	91.2	91.2	91.7
≥ 4500	30.8	39.0	71.0	74.7	78.8	80.0	84.0	86.5	86.5	88.3	89.7	90.2	91.0	91.2	91.2	91.7
≥ 4000	29.0	39.2	71.2	74.8	79.0	80.3	84.5	86.8	86.8	88.8	90.2	90.7	91.5	91.7	91.7	92.3
≥ 3500	29.2	39.5	71.3	75.0	79.2	80.5	84.5	87.0	87.0	89.0	90.5	90.8	91.7	91.8	91.8	92.8
≥ 3000	29.3	39.5	71.7	75.3	79.5	80.8	84.8	87.3	87.3	89.5	91.0	91.5	92.3	92.3	92.7	93.5
≥ 2500	29.5	40.0	72.2	76.0	80.3	81.7	85.7	88.5	88.5	90.7	92.2	92.7	93.5	93.7	93.8	95.0
≥ 2000	30.0	40.5	72.7	76.7	81.0	82.3	86.5	89.3	89.3	91.5	93.0	93.5	94.3	94.5	94.7	95.8
≥ 1800	30.0	40.5	72.7	76.7	81.0	82.3	86.5	89.3	89.3	91.5	93.0	93.5	94.3	94.5	94.7	95.8
≥ 1500	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 1200	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 1000	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 900	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 800	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 700	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 600	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 500	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 400	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 300	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 200	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 100	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
0	30.2	40.8	73.0	77.2	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8

TOTAL NUMBER OF OBSERVATIONS

600

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

1/7/61
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
STATION NAME

57-60
YEARS

MONTH

1.00-2.00
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.7	62.5	64.7	65.5	69.0	69.2	71.4	71.5	71.5	72.5	72.8	72.5	73.0	73.0	73.0	73.2
≥ 20000	56.5	64.6	66.5	67.7	71.6	71.3	73.3	73.7	73.7	74.8	75.2	75.2	75.3	75.3	75.5	75.5
IV 18000	57.2	64.6	67.3	68.5	72.0	72.2	74.5	75.0	75.0	76.3	76.7	76.7	77.0	77.0	77.2	77.5
IV 16000	57.7	65.5	68.0	69.2	72.7	72.8	75.2	76.2	76.2	77.5	77.8	77.8	78.2	78.2	78.3	78.7
IV 14000	58.3	66.3	69.0	70.2	73.7	73.8	76.2	77.2	77.2	78.7	79.0	79.0	79.3	79.3	79.3	79.5
IV 12000	58.5	66.8	69.5	70.7	74.5	74.7	77.0	78.0	78.0	79.7	80.0	80.0	80.3	80.3	80.3	80.4
IV 10000	59.3	68.0	70.7	71.8	75.7	75.8	78.3	79.8	79.8	81.5	82.0	82.0	82.3	82.3	82.3	82.5
IV 9000	59.7	68.7	71.3	72.5	76.5	76.8	79.2	80.7	80.7	82.3	83.0	83.0	83.3	83.3	83.3	83.5
IV 8000	60.3	69.7	72.7	74.0	78.0	78.3	80.8	82.5	82.5	84.3	85.2	85.2	85.7	85.7	85.8	86.3
IV 7000	60.6	70.3	73.3	74.8	79.8	80.5	83.2	85.3	85.3	87.7	88.5	88.5	89.0	89.0	89.2	89.7
IV 6000	61.2	71.0	74.0	75.5	80.7	81.3	84.0	86.2	86.2	88.5	89.3	89.3	89.8	89.8	90.0	90.5
IV 5000	61.2	71.0	74.0	75.5	80.7	81.3	84.0	86.2	86.2	88.5	89.3	89.3	89.8	89.8	90.0	90.5
IV 4500	61.2	71.0	74.0	75.5	80.7	81.3	84.0	86.2	86.2	88.5	89.3	89.3	89.8	89.8	90.0	90.5
IV 4000	61.7	71.5	74.5	76.0	81.2	81.8	84.5	86.7	86.7	89.0	90.0	90.0	90.5	90.5	91.2	91.7
IV 3500	61.7	71.5	74.5	76.0	81.7	82.5	85.2	87.3	87.3	89.8	90.8	90.8	91.3	91.3	92.2	92.7
IV 3000	61.8	71.8	75.0	76.5	82.2	83.0	85.7	87.8	87.8	90.7	91.7	91.7	92.2	92.2	93.0	93.7
IV 2500	61.8	72.0	75.2	76.7	82.5	83.3	86.0	88.2	88.2	91.0	92.0	92.0	92.5	92.5	93.3	94.0
IV 2000	62.7	72.6	76.2	77.8	83.7	84.8	88.2	90.5	90.5	93.7	94.7	94.7	95.2	95.2	96.0	96.7
IV 1800	62.7	72.8	76.2	77.8	83.7	84.8	88.2	90.5	90.5	93.7	94.7	94.7	95.2	95.2	96.0	96.7
IV 1500	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 1200	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 1000	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 900	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 800	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 700	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 600	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 500	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 400	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 300	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 200	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 100	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
IV 0	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NAU DET API
STATION NAME

57-66
YEARS

1968
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.8	51.8	64.2	64.7	67.5	68.3	69.7	70.8	71.2	72.2	72.8	72.8	73.0	73.0	73.0	73.0
≥ 20000	12.2	52.2	64.5	65.2	68.5	69.2	70.7	71.9	72.2	73.3	74.0	74.0	74.2	74.2	74.3	74.3
IV 18000	12.3	53.3	65.7	66.3	69.5	70.5	72.0	73.2	73.5	74.7	75.3	75.7	75.5	75.5	75.7	75.7
IV 16000	12.3	53.3	65.7	66.3	69.5	70.5	72.0	73.3	73.7	74.8	75.5	75.5	75.7	75.7	75.6	75.4
IV 14000	13.3	54.3	66.7	67.5	70.7	71.7	73.2	74.5	74.5	76.0	76.7	76.7	76.8	76.8	77.0	77.0
IV 12000	13.3	54.3	67.0	67.8	71.2	72.2	73.7	75.0	75.3	76.5	77.2	77.2	77.3	77.3	77.3	77.5
IV 10000	14.0	55.3	68.0	68.8	72.5	73.3	75.0	76.3	76.7	78.2	78.0	78.0	78.0	79.0	79.2	79.3
IV 9000	14.5	56.0	68.7	69.8	73.5	74.5	76.2	77.7	78.0	79.7	80.5	80.5	80.7	80.7	80.6	81.0
IV 8000	15.7	57.5	70.8	72.3	76.0	77.2	79.0	80.5	80.8	82.8	84.2	84.2	84.3	84.3	84.0	84.7
IV 7000	16.5	58.5	72.3	74.0	78.2	79.3	81.5	83.2	83.5	86.2	87.7	87.7	87.8	88.0	88.2	88.7
IV 6000	16.5	58.5	72.3	74.0	78.2	79.3	81.5	83.2	83.5	86.2	87.7	87.7	87.8	88.0	88.2	88.7
IV 5000	16.5	58.8	72.7	74.3	78.8	80.0	82.5	84.2	84.5	87.2	88.7	88.7	88.8	89.0	89.3	89.7
IV 4500	16.5	58.8	72.7	74.3	78.8	80.0	82.5	84.2	84.5	87.2	88.7	88.7	88.8	89.0	89.3	89.7
IV 4000	16.6	59.3	73.2	74.8	79.3	80.5	83.2	84.8	85.2	88.0	89.3	89.3	89.7	89.8	90.7	90.8
IV 3500	16.6	59.3	73.2	74.8	79.8	81.0	83.7	85.3	85.7	88.5	90.0	90.0	90.2	90.3	91.3	91.5
IV 3000	17.0	59.7	73.5	75.2	80.2	81.3	84.3	86.3	86.7	90.0	91.5	91.5	92.0	92.2	93.2	93.3
IV 2500	17.2	59.8	73.8	75.5	80.7	81.8	84.8	87.0	87.3	90.7	92.2	92.2	92.7	92.8	93.8	94.0
IV 2000	17.0	71.0	75.0	76.8	82.0	83.2	86.6	89.3	89.7	93.0	94.5	94.5	95.0	95.2	96.2	96.3
IV 1800	18.0	71.2	75.2	77.0	82.2	83.3	87.0	89.5	89.8	93.2	94.7	94.7	95.2	95.3	96.3	96.5
IV 1500	18.0	71.3	75.3	77.2	82.3	83.7	87.1	90.2	90.5	93.8	95.3	95.3	96.0	96.2	97.2	97.3
IV 1200	18.0	71.5	75.5	77.3	82.5	83.8	87.6	90.3	90.7	94.0	95.5	95.5	96.2	96.3	97.3	97.5
IV 1000	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 900	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 800	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 700	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 600	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 500	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 400	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 300	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 200	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 100	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 0	18.0	71.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
IN READER SERVICE/NAO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DEPT APT
STATION NAME

57-66
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	36.0	37.0	38.7	39.0	39.0	39.7	39.9	39.9	39.9	40.3	40.3	40.3	40.3	40.3	40.9	41.3
≥ 20000	37.5	38.6	39.4	39.9	40.6	40.3	40.9	40.9	40.9	41.3	41.3	41.3	41.3	41.3	41.9	42.4
≥ 18000	39.0	39.1	40.0	40.5	41.2	41.3	41.5	41.5	41.5	41.9	41.9	42.1	42.7	42.7	42.7	43.5
≥ 16000	39.1	39.3	40.2	40.6	41.3	41.3	41.5	41.6	41.6	42.1	42.1	42.2	42.8	42.8	43.0	43.7
≥ 14000	39.7	39.8	40.8	41.2	41.9	42.1	42.2	42.2	42.2	42.7	42.7	42.7	43.4	43.4	43.5	44.3
≥ 12000	39.8	40.5	41.3	41.8	42.5	42.7	42.8	42.8	42.8	43.4	43.4	43.5	44.1	44.1	44.3	45.1
≥ 10000	39.9	41.2	42.1	42.5	43.3	43.4	43.5	43.5	43.5	44.1	44.1	44.1	45.0	45.0	45.2	45.7
≥ 9000	40.0	41.9	42.8	43.3	44.0	44.1	44.3	44.3	44.3	44.9	44.9	45.0	45.7	45.7	45.7	46.6
≥ 8000	42.1	43.4	44.3	44.7	45.3	45.5	45.9	46.0	46.0	46.8	46.8	46.8	47.7	47.7	47.8	48.5
≥ 7000	44.6	46.2	47.4	47.9	49.0	49.1	49.6	49.7	49.7	50.7	50.7	50.7	52.1	52.1	52.2	52.9
≥ 6000	45.0	47.2	48.4	48.1	50.3	50.4	50.7	51.0	51.0	52.2	52.2	52.3	53.5	53.5	53.7	54.4
≥ 5000	46.5	48.1	49.3	50.0	51.2	51.3	51.8	51.9	51.9	53.1	53.1	53.2	54.4	54.4	54.5	55.3
≥ 4500	48.8	48.4	49.0	50.3	51.0	51.3	52.2	52.3	52.3	53.5	53.5	53.7	54.8	54.8	55.0	55.7
≥ 4000	48.1	49.7	50.9	51.6	52.9	53.1	53.5	53.7	53.7	55.0	55.0	55.1	56.3	56.3	56.6	57.3
≥ 3500	48.5	50.3	51.5	52.2	53.5	53.7	54.1	54.3	54.3	55.6	55.6	55.7	56.9	56.9	57.0	57.9
≥ 3000	51.0	53.5	54.7	55.4	56.7	56.9	57.5	57.8	57.8	59.1	59.1	59.2	60.4	60.4	60.7	61.4
≥ 2500	55.6	57.6	59.2	60.1	61.4	61.7	62.3	62.6	62.6	64.2	64.2	64.4	65.5	65.5	65.8	66.6
≥ 2000	58.5	60.7	62.5	63.3	64.7	65.1	66.0	66.4	66.4	68.0	68.0	68.2	69.6	69.6	69.9	70.7
≥ 1800	60.7	63.2	65.0	65.8	67.2	67.6	68.5	69.1	69.1	70.7	70.7	71.0	72.4	72.4	72.7	73.5
≥ 1500	62.9	65.4	67.5	69.4	70.7	71.3	72.5	73.0	73.0	74.6	74.6	74.9	76.4	76.4	76.7	77.4
≥ 1200	64.2	68.2	70.2	71.1	72.4	73.0	74.0	75.1	75.1	76.8	76.8	77.1	78.6	78.6	79.0	79.8
≥ 1000	68.0	74.0	76.2	77.1	79.0	80.1	81.5	82.8	82.8	84.8	84.9	85.3	86.8	87.0	87.8	88.6
≥ 900	68.6	74.6	76.8	77.7	79.8	80.8	82.4	83.7	83.7	85.6	85.8	86.2	87.7	87.8	88.7	89.4
≥ 800	69.0	75.6	78.0	78.9	80.9	82.0	83.7	85.0	85.0	87.1	87.2	87.7	89.1	89.6	90.0	91.3
≥ 700	69.8	76.0	78.2	79.0	81.1	82.1	84.3	85.6	85.6	87.7	87.8	88.3	89.9	90.3	91.3	92.1
≥ 600	70.4	76.7	78.9	79.8	81.8	82.9	85.3	86.7	86.7	88.7	88.9	89.3	91.1	91.5	92.5	93.3
≥ 500	71.4	77.7	79.9	80.8	82.8	83.9	86.4	87.7	87.7	89.9	90.0	90.5	92.2	92.7	93.7	94.4
≥ 400	71.7	78.3	80.5	81.4	83.4	84.5	87.0	88.3	88.3	90.5	90.9	91.3	93.1	93.5	94.6	95.3
≥ 300	72.1	78.9	81.1	82.0	84.0	85.0	87.5	88.9	88.9	91.1	91.5	92.1	93.8	94.3	95.5	96.6
≥ 200	72.6	79.5	81.7	82.7	84.9	85.9	88.6	90.0	90.0	92.7	93.1	93.7	95.0	96.5	97.8	99.1
≥ 100	72.6	79.5	81.7	82.7	84.9	85.9	88.6	90.0	90.0	92.7	93.1	93.7	95.0	96.5	97.8	100.0
≥ 0	72.6	79.5	81.7	82.7	84.9	85.9	88.6	90.0	90.0	92.7	93.1	93.7	95.0	96.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

632

USAF ETAC

FORM
JUL 64

0-14-5(OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY UNIT APT
STATION NAME

27-66
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	34.2	36.7	37.2	37.5	38.0	38.0	38.4	38.6	38.6	38.7	38.9	39.0	39.6	39.7	39.7	40.5
IV 20000	34.0	37.1	37.7	38.0	38.4	38.4	38.7	39.0	39.0	39.1	39.3	39.4	40.0	40.2	40.2	40.9
IV 18000	35.3	38.0	38.0	38.9	39.3	39.3	39.7	39.9	39.9	40.3	40.3	40.3	41.2	41.3	41.3	42.1
IV 16000	35.5	38.1	38.7	39.0	39.4	39.4	39.7	40.0	40.0	40.3	40.6	40.3	41.3	41.3	41.3	42.2
IV 14000	36.2	38.9	39.4	39.9	40.3	40.3	40.8	40.9	40.9	41.3	41.3	41.5	42.2	42.4	42.4	43.1
IV 12000	36.7	39.3	39.9	40.3	40.8	40.8	41.3	41.5	41.5	41.9	42.1	42.2	42.6	43.0	43.0	43.7
IV 10000	37.4	40.3	40.9	41.3	41.8	41.8	42.4	42.5	42.5	43.0	43.3	43.4	44.0	44.1	44.1	44.9
IV 9000	38.4	41.5	42.1	42.5	43.0	43.0	43.5	43.7	43.7	44.1	44.4	44.6	45.3	45.3	45.3	46.2
IV 8000	39.4	43.3	43.8	44.3	44.7	44.7	45.3	45.5	45.5	45.9	46.2	46.3	47.1	47.4	47.4	48.1
IV 7000	42.7	47.1	48.1	48.5	49.1	49.1	50.0	50.1	50.1	50.7	51.2	51.3	52.2	52.3	52.3	53.2
IV 6000	43.7	48.1	49.1	49.6	50.1	50.1	51.2	51.3	51.3	51.9	52.3	52.5	53.4	53.7	53.7	54.4
IV 5000	44.0	49.0	50.0	50.6	51.2	51.2	52.2	52.3	52.3	52.9	53.4	53.5	54.4	54.7	54.7	55.4
IV 4500	44.6	49.0	50.0	50.6	51.2	51.2	52.2	52.3	52.3	52.9	53.4	53.5	54.4	54.7	54.7	55.4
IV 4000	45.6	50.0	51.0	51.6	52.2	52.2	53.5	54.0	54.0	54.7	55.1	55.3	56.2	56.6	56.6	57.3
IV 3500	46.2	50.7	51.3	52.3	52.9	52.9	54.5	54.7	54.7	55.4	55.9	56.6	56.9	57.3	57.3	58.1
IV 3000	50.0	55.1	56.2	56.7	58.1	58.1	60.0	60.1	60.1	60.9	61.3	61.4	62.3	62.8	62.8	63.5
IV 2500	52.1	57.2	58.5	59.1	60.4	60.4	62.3	62.8	62.8	63.8	64.2	64.4	65.2	65.7	65.7	66.4
IV 2000	53.1	60.3	62.2	62.9	64.4	64.4	66.6	67.0	67.0	68.0	68.8	69.1	70.1	70.5	70.5	71.3
IV 1800	53.9	61.6	62.9	63.6	65.1	65.1	67.3	67.7	67.7	68.8	69.5	69.8	70.8	71.3	71.3	72.0
IV 1500	58.7	64.7	66.9	68.0	69.4	69.4	72.1	72.6	72.6	73.9	74.6	74.9	76.0	76.4	76.4	77.1
IV 1200	58.4	67.0	69.5	70.7	72.4	72.4	74.8	75.2	75.2	76.5	77.3	77.6	78.9	79.3	79.3	80.1
IV 1000	64.4	71.7	74.3	75.5	77.0	77.6	80.1	80.6	80.6	82.1	82.8	83.1	84.8	85.2	85.2	85.9
IV 900	65.1	72.4	75.2	76.4	78.6	78.6	81.1	82.0	82.0	83.6	84.3	84.6	86.2	86.7	86.7	87.4
IV 800	66.1	73.5	76.2	77.4	79.6	79.6	82.3	83.1	83.1	84.8	85.6	85.9	87.7	88.3	88.3	89.0
IV 700	66.3	73.8	76.5	77.7	79.9	79.9	82.6	83.4	83.4	85.0	85.9	86.4	88.1	88.7	88.7	89.4
IV 600	66.4	74.2	77.1	78.3	80.5	80.5	83.1	84.0	84.0	85.6	86.5	87.0	88.7	89.3	89.3	90.2
IV 500	66.6	74.3	77.4	78.7	81.1	81.2	83.9	84.8	84.8	86.7	87.7	88.6	90.5	91.1	91.2	92.1
IV 400	67.0	74.8	77.9	79.3	82.0	82.1	84.8	85.8	85.8	87.7	88.7	89.6	92.2	92.8	93.0	93.8
IV 300	67.4	75.4	78.6	80.1	83.0	83.1	85.8	87.1	87.1	89.0	90.0	91.1	93.7	94.3	94.3	96.0
IV 200	67.6	75.7	78.9	80.4	83.3	83.4	86.1	87.5	87.5	89.6	90.6	91.6	94.4	95.0	95.9	97.5
IV 100	67.7	75.8	79.0	80.5	83.4	83.6	86.2	87.7	87.7	89.7	90.8	91.8	94.6	95.2	96.3	99.1
IV 0	67.7	75.8	79.0	80.5	83.4	83.6	86.2	87.7	87.7	89.7	90.8	91.8	94.6	95.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS

002

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

1/9/01
STATION

RESOLUTE MNT DUTY APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	33.0	30.2	36.8	37.4	37.4	38.4	38.4	38.4	38.9	39.0	39.1	39.7	39.7	40.0	40.9
≥ 20000	36.2	38.1	38.4	39.0	39.4	39.6	40.0	40.0	40.8	41.2	41.3	41.3	42.1	42.1	42.3	42.8
≥ 18000	37.2	39.0	39.3	39.9	40.3	40.5	41.0	41.6	41.6	42.2	42.4	42.5	43.1	43.1	43.3	43.4
≥ 16000	37.2	39.6	39.2	40.5	40.4	41.1	42.2	42.2	42.2	42.8	43.0	43.1	43.7	43.7	44.1	44.4
≥ 14000	38.3	40.3	40.8	41.3	41.0	41.9	43.1	43.1	43.1	43.7	43.8	44.0	44.6	44.6	45.0	45.3
≥ 12000	38.3	40.3	40.8	41.5	41.9	42.1	43.3	43.3	43.3	43.8	44.0	44.1	44.7	44.7	45.2	45.5
≥ 10000	38.0	40.0	41.1	41.8	42.2	42.4	43.5	43.5	43.5	44.3	44.4	44.6	45.2	45.2	45.6	45.9
≥ 9000	39.0	41.2	41.5	42.4	42.6	43.0	44.1	44.1	44.1	44.9	45.0	45.2	45.7	45.7	46.2	46.5
≥ 8000	40.0	42.5	43.1	44.0	44.4	44.6	45.9	45.9	45.9	46.8	46.9	47.2	47.9	47.9	48.4	48.7
≥ 7000	42.0	43.6	46.3	47.4	47.9	48.2	49.7	49.7	49.7	50.7	50.9	51.2	52.1	52.1	52.0	52.9
≥ 6000	43.4	46.5	47.5	48.7	49.3	49.5	51.2	51.2	51.2	52.2	52.3	52.6	53.5	53.5	54.1	54.4
≥ 5000	43.7	46.9	47.9	49.3	49.9	50.3	52.1	52.1	52.1	53.1	53.2	53.5	54.4	54.4	55.0	55.3
≥ 4500	43.7	46.9	47.9	49.3	49.9	50.3	52.1	52.1	52.1	53.1	53.2	53.5	54.4	54.4	55.0	55.3
≥ 4000	44.7	47.9	49.0	50.3	50.9	51.3	53.2	53.2	53.2	54.3	54.4	54.7	55.6	55.6	56.2	56.5
≥ 3500	45.5	48.8	50.0	51.5	52.1	52.6	54.7	54.7	54.7	55.7	55.9	56.2	57.0	57.0	57.6	57.9
≥ 3000	46.4	52.1	53.4	55.0	55.9	56.5	58.8	58.8	58.8	59.8	60.1	60.4	61.4	61.4	62.0	62.3
≥ 2500	50.0	53.4	56.9	58.5	59.4	60.0	62.3	62.3	62.3	63.3	63.9	64.2	65.4	65.4	66.0	66.3
≥ 2000	53.4	58.1	59.5	61.7	62.5	63.6	66.4	66.6	66.6	68.2	68.6	68.9	70.1	70.1	70.7	71.0
≥ 1800	54.5	59.4	60.9	63.0	64.2	65.0	67.7	67.9	67.9	69.3	69.9	70.2	71.4	71.4	72.0	72.3
≥ 1500	59.1	64.7	66.3	68.6	70.2	71.0	73.5	73.9	73.9	75.8	76.2	76.7	77.9	77.9	78.4	78.7
≥ 1200	60.4	66.1	68.0	70.4	72.0	72.7	75.5	75.7	75.7	77.6	78.2	78.6	79.9	79.9	80.5	80.8
≥ 1000	64.2	70.4	72.3	74.6	76.8	77.6	80.4	80.9	80.9	83.0	83.6	84.0	85.6	85.6	86.2	86.5
≥ 900	64.8	71.3	73.2	75.5	77.9	78.7	81.5	82.1	82.1	84.3	84.9	85.3	87.0	87.0	87.5	87.8
≥ 800	65.2	72.7	74.6	77.0	79.3	80.4	83.4	84.0	84.0	86.2	87.0	87.4	89.0	89.0	89.6	89.9
≥ 700	65.4	72.9	74.8	77.1	79.5	80.5	83.6	84.2	84.2	86.4	87.1	87.7	89.3	89.3	89.9	90.3
≥ 600	66.0	73.9	75.8	78.2	80.5	81.5	84.6	85.3	85.3	87.5	88.3	88.9	90.6	90.6	91.3	91.8
≥ 500	66.3	74.2	76.1	78.4	80.8	81.8	84.9	85.6	85.6	88.1	88.9	89.6	91.3	91.3	92.5	93.0
≥ 400	66.4	74.5	76.4	78.7	81.1	82.1	85.5	86.2	86.2	88.9	89.6	90.3	92.5	92.5	93.5	94.3
≥ 300	66.6	74.9	76.8	79.3	81.7	82.7	86.2	87.0	87.0	89.7	90.5	91.2	93.4	93.5	94.9	95.7
≥ 200	66.6	74.9	76.8	79.3	81.7	82.7	86.2	87.1	87.1	90.2	91.1	91.8	94.1	94.3	95.7	97.4
≥ 100	66.7	75.2	77.1	79.8	82.1	83.1	86.8	87.7	87.7	90.8	91.6	92.4	95.0	95.2	96.9	99.4
≥ 0	66.7	75.2	77.1	79.8	82.1	83.1	86.8	87.7	87.7	90.8	91.6	92.4	95.0	95.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 562

DATA PROCESSING DIVISION
SAC ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17501
STATION

PRODUCTS AND OUT PUT
STATION NAME

57-66
YEARS

1 41
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.8	41.0	41.3	42.4	43.3	43.3	43.3	44.9	43.9	44.2	44.3	44.3	44.8	44.8	45.1	45.1
≥ 20000	39.0	41.9	42.3	43.5	44.3	44.3	44.3	45.1	45.1	45.4	45.5	45.5	46.0	46.0	46.3	46.3
IV 18000	40.4	42.7	43.2	44.5	45.5	45.5	45.5	46.3	46.3	46.5	46.7	46.7	47.1	47.1	47.4	47.4
IV 16000	40.5	43.2	43.6	44.9	46.0	46.0	46.0	46.7	46.7	47.0	47.1	47.1	47.6	47.6	47.9	47.9
IV 14000	40.8	43.3	43.9	45.2	46.3	46.3	46.3	47.0	47.0	47.3	47.4	47.4	48.2	48.2	48.5	48.5
IV 12000	41.0	43.6	44.1	45.4	46.4	46.4	46.4	47.1	47.1	47.4	47.6	47.6	48.3	48.3	48.6	48.6
IV 10000	41.4	44.1	44.5	45.8	47.0	47.0	47.0	47.7	47.7	48.0	48.2	48.2	48.9	48.9	49.2	49.2
IV 9000	41.6	44.6	45.2	46.5	47.7	47.7	47.7	48.5	48.5	48.8	48.9	48.9	49.6	49.6	49.9	49.9
IV 8000	42.4	45.7	46.4	47.7	48.9	48.9	48.9	49.6	49.6	49.9	50.1	50.1	50.8	50.8	51.1	51.1
IV 7000	44.2	47.6	48.5	49.9	51.2	51.2	51.2	52.3	52.3	52.6	52.7	52.7	53.5	53.5	53.7	53.7
IV 6000	44.5	48.2	49.0	50.5	51.8	51.8	51.8	52.9	53.0	53.6	53.7	53.7	54.5	54.5	54.8	54.8
IV 5000	45.2	48.9	49.8	51.2	52.6	52.6	52.6	53.7	53.7	54.3	54.5	54.5	55.2	55.2	55.5	55.5
IV 4500	45.4	49.0	49.9	51.4	52.7	52.7	52.7	53.9	53.9	54.6	54.8	54.8	55.5	55.5	55.8	55.8
IV 4000	47.3	51.0	51.8	53.3	54.6	54.6	54.6	55.8	55.8	56.5	56.7	56.7	57.4	57.4	57.7	57.7
IV 3500	47.7	51.7	52.7	54.3	55.8	55.8	55.8	57.0	57.0	57.7	57.9	57.9	58.6	58.6	58.9	58.9
IV 3000	49.9	53.9	54.9	56.8	58.6	58.6	58.6	59.8	59.8	60.5	60.8	60.8	61.5	61.5	61.8	61.8
IV 2500	52.4	57.1	58.4	60.5	62.6	62.6	62.6	63.7	63.7	65.1	65.3	65.3	66.2	66.2	66.7	66.7
IV 2000	54.5	59.5	60.8	62.8	65.2	65.3	65.3	66.4	67.0	68.7	69.0	69.2	69.9	69.9	70.3	70.3
IV 1800	55.2	60.5	61.8	63.9	66.2	66.4	66.4	67.1	68.0	69.8	70.0	70.2	70.9	70.9	71.4	71.4
IV 1500	59.3	65.3	66.8	68.9	71.5	71.8	71.8	72.8	73.9	75.9	75.9	76.4	76.5	77.2	77.7	77.7
IV 1200	60.5	67.1	68.7	70.8	73.0	73.9	73.9	74.9	75.9	78.0	78.6	79.1	79.9	79.9	80.3	80.3
IV 1000	63.4	70.8	72.5	75.2	78.4	78.7	78.7	80.6	81.9	82.1	84.1	85.2	85.8	86.8	87.2	87.5
IV 900	63.9	71.4	73.1	75.9	79.1	79.4	79.4	81.5	82.8	83.0	85.0	86.0	86.6	87.7	88.1	88.4
IV 800	64.5	72.5	74.6	77.4	80.8	81.2	81.2	83.4	84.7	84.9	87.2	88.3	88.8	90.3	90.3	90.7
IV 700	65.3	73.6	75.9	78.7	82.2	82.7	82.7	85.0	86.3	86.5	88.8	89.9	90.9	91.9	92.8	93.1
IV 600	66.2	74.4	76.8	79.6	83.3	83.8	83.8	86.3	87.8	88.0	90.5	91.5	92.1	93.8	93.8	94.7
IV 500	66.2	74.4	76.9	79.9	83.6	84.3	84.3	87.2	88.8	89.0	91.5	92.7	93.2	95.0	95.0	95.9
IV 400	66.7	75.0	77.5	80.6	84.5	85.0	85.0	88.0	89.6	89.7	92.4	93.5	94.1	96.0	96.0	97.2
IV 300	66.8	75.2	77.7	80.8	84.6	85.3	85.3	88.3	90.0	90.2	92.8	94.0	94.6	96.5	96.5	97.6
IV 200	66.8	75.2	77.7	80.8	84.7	85.5	85.5	88.4	90.2	90.3	93.0	94.1	94.7	96.8	96.8	98.4
IV 100	66.8	75.2	77.7	80.8	84.7	85.5	85.5	88.4	90.2	90.3	93.0	94.1	94.7	96.8	96.8	98.4
IV 0	66.8	75.2	77.7	80.8	84.7	85.5	85.5	88.4	90.2	90.3	93.0	94.1	94.7	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 601

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17501 RESOLUTE MNT DUT MPI

57-66

AY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	40.5	41.5	42.5	43.5	43.5	44.0	44.7	44.9	44.9	45.5	45.5	45.5	45.7	45.7	46.0	46.2
≥ 20000	40.5	41.5	42.5	43.5	43.5	44.0	44.7	44.9	44.9	45.5	45.5	45.5	45.7	45.7	46.0	46.2
IV 18000	41.2	43.6	44.9	46.2	46.2	46.3	47.2	47.2	47.2	47.8	47.8	47.8	48.1	48.1	48.5	48.5
IV 16000	41.2	43.6	44.9	46.2	46.2	46.3	47.2	47.2	47.2	47.8	47.8	47.8	48.1	48.1	48.5	48.5
IV 14000	41.0	44.6	45.0	47.1	47.2	47.4	48.2	48.2	48.2	48.8	48.8	48.8	49.1	49.1	49.6	49.6
IV 12000	41.9	44.9	45.9	47.4	47.5	47.7	48.5	48.5	48.5	49.1	49.1	49.1	49.4	49.4	49.9	49.9
IV 10000	42.2	45.2	46.3	47.8	47.9	48.1	49.0	49.0	49.0	49.6	49.6	49.6	49.9	49.9	50.3	50.3
IV 9000	42.0	45.0	47.2	48.7	48.8	49.0	49.7	49.7	49.7	50.4	50.4	50.4	50.7	50.7	51.2	51.2
IV 8000	44.7	47.9	49.1	50.6	50.9	51.0	52.3	52.3	52.3	52.9	52.9	52.9	53.4	53.4	53.8	53.8
IV 7000	40.2	49.7	51.0	52.6	53.5	53.7	55.2	55.4	55.4	56.0	56.0	56.0	56.5	56.5	56.9	56.9
IV 6000	46.8	50.3	51.6	53.2	54.1	54.3	55.7	55.9	56.0	56.6	56.6	56.6	56.9	57.0	57.5	57.5
IV 5000	47.2	51.0	52.3	54.1	55.0	55.1	56.7	56.9	56.9	57.8	57.8	57.8	58.2	58.2	58.7	58.7
IV 4500	47.4	51.3	52.6	54.4	55.3	55.4	57.2	57.3	57.3	58.2	58.2	58.2	58.6	58.6	59.2	59.2
IV 4000	47.7	51.9	53.2	55.0	56.0	56.2	57.9	58.1	58.1	58.9	58.9	58.9	59.5	59.5	60.0	60.0
IV 3500	43.3	54.1	55.4	57.2	58.2	58.4	60.1	60.3	60.3	61.1	61.1	61.1	61.7	61.7	62.2	62.2
IV 3000	51.2	58.5	59.1	60.4	61.6	61.7	63.6	63.8	63.8	64.7	64.7	64.7	65.2	65.2	65.7	65.7
IV 2500	53.2	59.5	61.1	63.5	65.0	65.1	67.2	67.6	67.6	68.5	68.6	68.6	69.8	69.8	70.2	70.2
IV 2000	56.3	62.6	64.2	66.7	68.2	68.8	71.0	71.4	71.4	72.4	72.6	72.6	73.8	73.8	74.3	74.3
IV 1800	56.9	63.3	65.4	67.9	69.4	69.9	72.5	72.7	72.7	73.8	74.0	74.0	75.2	75.2	75.6	75.6
IV 1500	60.7	67.7	69.8	72.6	74.5	75.1	77.6	78.3	78.3	79.3	79.6	79.6	80.9	80.9	81.5	81.5
IV 1200	61.7	70.1	72.1	75.2	77.1	77.9	80.5	81.2	81.2	82.3	82.8	82.8	84.2	84.2	84.8	84.8
IV 1000	64.2	72.9	74.9	78.0	80.6	81.4	84.2	85.3	85.3	87.0	87.5	87.5	88.9	88.9	89.4	89.4
IV 900	63.0	74.3	76.4	79.5	82.1	82.8	85.8	86.8	86.8	88.4	89.0	89.0	90.3	90.3	90.9	90.9
IV 800	60.1	73.8	78.0	81.1	83.7	84.5	87.4	88.4	88.4	90.0	90.6	90.6	91.9	91.9	92.5	92.5
IV 700	56.0	76.4	78.6	81.8	84.5	85.2	88.3	89.3	89.3	91.1	91.6	91.6	93.1	93.1	93.7	93.7
IV 600	67.3	77.3	79.5	83.0	85.8	86.5	89.6	90.6	90.6	92.4	93.0	93.0	94.6	94.6	95.2	95.2
IV 500	67.7	78.0	80.4	84.0	87.0	87.7	90.8	91.8	91.8	93.8	94.4	94.4	96.2	96.3	96.9	97.1
IV 400	67.7	78.2	80.5	84.2	87.1	87.8	90.9	91.9	91.9	94.0	94.6	94.6	96.2	96.3	97.1	97.2
IV 300	68.0	78.4	80.9	84.9	88.1	88.9	91.9	93.0	93.0	95.5	96.0	96.2	97.9	98.1	98.7	98.8
IV 200	68.3	78.7	81.2	85.2	88.4	89.1	92.4	93.4	93.4	95.9	96.5	96.6	98.4	98.5	99.1	99.3
IV 100	68.3	78.7	81.2	85.2	88.4	89.1	92.4	93.4	93.4	95.9	96.5	96.6	98.4	98.5	99.1	99.6
IV 0	68.3	78.7	81.2	85.2	88.4	89.1	92.4	93.4	93.4	95.9	96.5	96.6	98.4	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 502

DATA PROCESSING DIVISION
SAR ETAC
AIR TESTER SERVICE/PAC

CEILING VERSUS VISIBILITY

1/901
STATION

RESURGE AND ONE MP1
STATION NAME

57-66
YEARS

6Y
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.0	43.5	43.9	44.5	45.2	45.4	46.1	46.4	46.4	46.5	46.6	46.7	47.3	47.3	47.3	47.3
IV 18000	41.1	45.4	46.0	46.7	47.4	47.6	48.3	48.8	48.8	48.9	49.2	49.3	49.6	49.6	49.6	49.6
IV 16000	41.6	46.0	46.5	47.3	48.0	48.3	49.2	49.3	49.3	49.8	50.1	50.1	50.5	50.5	50.5	50.5
IV 14000	42.1	46.7	47.3	48.0	48.6	49.0	49.9	50.2	50.2	50.5	50.8	50.8	51.2	51.2	51.2	51.2
IV 12000	42.4	47.0	47.7	48.6	49.3	49.6	50.5	50.8	50.8	51.1	51.4	51.4	51.8	51.8	51.8	51.8
IV 10000	42.4	47.0	47.7	48.6	49.3	49.6	50.5	50.8	50.8	51.1	51.4	51.4	51.8	51.8	51.8	51.8
IV 9000	42.6	47.4	48.3	49.2	49.9	50.2	51.1	51.4	51.4	51.7	52.0	52.0	52.4	52.4	52.4	52.4
IV 8000	43.5	48.3	49.3	50.2	51.0	51.2	52.1	52.6	52.6	52.9	53.2	53.2	53.6	53.6	53.6	53.6
IV 7000	46.1	51.5	52.7	54.0	54.6	55.1	55.9	56.4	56.4	56.8	57.1	57.1	57.6	57.6	57.6	57.6
IV 6000	46.7	52.4	53.7	55.1	56.2	56.5	57.4	57.9	57.9	58.3	58.6	58.6	59.0	59.0	59.0	59.0
IV 5000	47.3	53.3	54.6	55.9	57.1	57.4	58.4	58.9	58.9	59.3	59.6	59.6	60.2	60.2	60.2	60.2
IV 4500	47.6	53.5	54.8	56.1	57.3	57.6	58.6	59.0	59.0	59.6	59.9	59.9	60.5	60.5	60.5	60.5
IV 4000	49.2	55.4	56.8	58.1	59.3	59.6	60.6	61.1	61.1	61.7	62.0	62.0	62.6	62.6	62.6	62.6
IV 3500	50.4	56.5	58.0	59.3	60.5	60.8	61.8	62.3	62.3	62.8	63.1	63.1	63.7	63.7	63.7	63.7
IV 3000	53.0	59.5	60.9	62.4	63.7	64.0	65.1	65.6	65.6	66.5	66.8	66.8	67.4	67.4	67.4	67.4
IV 2500	55.4	62.0	63.4	64.9	66.2	66.5	67.5	68.1	68.1	69.3	69.6	69.6	70.6	70.6	70.6	70.6
IV 2000	59.6	66.7	68.6	70.2	71.5	72.1	73.4	74.0	74.0	75.2	75.5	75.5	76.5	76.5	76.5	76.5
IV 1800	60.5	67.8	69.9	71.5	72.8	73.4	74.7	75.3	75.3	76.5	76.8	76.8	77.8	77.8	77.8	77.8
IV 1500	62.1	73.1	75.6	77.4	79.0	79.6	81.5	82.4	82.4	83.6	84.0	84.0	85.2	85.2	85.2	85.2
IV 1200	66.4	79.0	81.7	83.4	85.1	85.6	87.7	88.7	88.7	89.9	90.3	90.3	91.5	91.5	91.5	91.5
IV 1000	69.2	81.7	84.3	86.0	87.7	88.3	90.4	91.4	91.4	92.6	93.0	93.0	94.1	94.1	94.1	94.1
IV 900	70.2	80.2	83.0	84.9	86.9	87.5	89.7	91.0	91.0	92.5	93.0	93.0	94.6	94.6	94.6	94.6
IV 800	71.1	81.5	84.6	86.6	88.7	89.3	91.6	92.8	92.8	94.3	94.7	94.7	96.3	96.3	96.3	96.3
IV 700	71.6	82.1	85.2	87.2	89.3	89.9	92.2	93.4	93.4	94.9	95.3	95.3	96.9	96.9	96.9	96.9
IV 600	71.5	82.2	85.3	87.4	89.4	90.0	92.4	93.5	93.5	95.0	95.4	95.4	97.1	97.1	97.1	97.1
IV 500	71.5	82.4	85.5	87.5	89.6	90.2	92.6	93.7	93.7	95.2	95.6	95.6	97.3	97.3	97.3	97.3
IV 400	71.7	82.5	85.6	87.6	89.7	90.3	92.7	93.8	93.8	95.3	95.7	95.7	97.4	97.4	97.4	97.4
IV 300	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7
IV 200	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7
IV 100	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7
IV 0	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 641

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTS OF D-1 API
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-2:00
HOURS (CST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	47.0	42.5	42.3	43.0	43.3	43.3	43.3	43.8	43.8	44.1	44.3	44.4	44.7	44.7	45.0	45.2
≥ 20000	40.5	41.4	43.7	43.8	44.4	44.4	44.4	44.7	44.7	45.0	45.2	45.3	45.6	45.6	45.9	46.0
IV 18000	41.2	44.1	44.0	44.7	45.3	45.3	45.3	45.6	45.6	45.9	46.0	46.2	46.3	46.3	46.5	46.9
IV 16000	41.2	44.1	44.0	44.7	45.3	45.3	45.3	45.6	45.6	46.2	46.3	46.6	46.9	46.9	47.2	47.4
IV 14000	41.9	44.9	45.1	45.5	46.0	46.0	46.0	46.3	46.3	46.9	47.2	47.4	47.7	47.7	47.9	48.1
IV 12000	42.5	45.6	46.2	46.3	47.1	47.1	47.1	47.4	47.4	47.9	48.2	48.4	48.7	48.7	49.0	49.1
IV 10000	43.5	46.8	47.6	47.5	48.2	48.2	48.2	48.5	48.5	49.1	49.4	49.6	49.9	49.9	50.1	50.3
IV 9000	43.7	46.9	47.5	47.7	48.4	48.4	48.5	48.8	48.8	49.4	49.7	49.9	50.1	50.1	50.4	50.6
IV 8000	44.6	48.1	48.7	48.8	49.7	49.7	49.9	50.6	50.6	51.2	51.5	51.6	51.9	51.9	52.2	52.3
IV 7000	46.2	50.3	51.3	51.5	52.9	52.9	53.1	53.8	53.8	54.4	54.7	54.9	55.1	55.1	55.4	55.6
IV 6000	47.2	51.5	52.9	53.4	54.4	54.4	54.5	55.3	55.3	56.0	56.3	56.5	56.9	56.9	57.2	57.3
IV 5000	48.4	52.9	54.1	54.5	55.0	55.0	55.6	56.3	56.3	57.2	57.5	57.6	58.1	58.1	58.4	58.5
IV 4500	48.8	53.4	54.5	55.0	56.0	56.0	56.4	56.9	56.9	57.6	57.9	58.1	58.5	58.5	58.8	58.9
IV 4000	49.0	54.1	55.4	55.9	57.0	57.2	57.3	58.1	58.1	58.8	59.1	59.2	59.7	59.7	60.0	60.1
IV 3500	51.0	55.6	57.2	57.8	59.1	59.2	59.4	60.1	60.1	60.9	61.1	61.3	61.7	61.7	62.0	62.2
IV 3000	52.0	57.3	58.9	59.5	61.0	61.1	61.3	62.0	62.0	62.8	63.0	63.2	63.6	63.6	63.9	64.1
IV 2500	53.3	60.7	62.3	62.9	64.4	64.3	64.8	65.5	65.5	66.6	66.9	67.0	67.7	67.7	68.0	68.2
IV 2000	56.9	65.2	67.0	67.6	69.2	69.3	69.8	70.7	70.7	72.1	72.7	72.9	73.8	73.8	74.0	74.2
IV 1800	60.0	67.0	68.8	69.4	71.0	71.3	71.6	72.4	72.4	73.9	74.5	74.6	75.5	75.5	75.8	76.0
IV 1500	64.2	74.1	73.9	74.6	76.4	76.7	77.3	78.3	78.3	79.9	80.5	80.8	81.7	81.7	82.0	82.1
IV 1200	65.0	76.2	76.2	77.0	79.0	79.3	79.9	80.9	80.9	82.8	83.4	83.7	84.6	84.6	84.9	85.0
IV 1000	70.4	80.2	82.3	83.0	85.3	85.8	86.5	87.7	87.7	89.6	90.2	90.5	91.3	91.3	91.6	92.1
IV 900	70.8	80.8	82.8	83.6	86.2	86.5	87.5	88.6	88.6	90.5	91.1	91.3	92.2	92.2	92.7	93.0
IV 800	71.4	81.7	83.7	84.5	87.1	87.4	88.5	89.4	89.4	91.3	91.9	92.2	93.1	93.1	93.7	94.0
IV 700	72.1	82.6	84.6	85.6	88.3	88.6	89.4	90.6	90.6	92.5	93.3	93.5	94.4	94.4	95.0	95.3
IV 600	73.2	83.0	85.0	85.1	88.7	89.0	89.9	91.1	91.1	93.0	93.7	94.0	94.9	94.9	95.5	95.7
IV 500	72.7	83.7	85.9	87.0	89.7	90.0	90.9	92.1	92.1	94.0	94.7	95.0	96.0	96.0	96.6	96.9
IV 400	73.2	84.3	86.3	87.7	90.3	90.8	91.0	92.8	92.8	94.7	95.7	96.0	97.1	97.2	97.7	97.9
IV 300	73.6	84.9	87.1	88.4	91.2	91.5	92.4	93.7	93.7	95.7	96.8	97.1	98.1	98.2	98.7	99.0
IV 200	74.0	84.9	87.1	88.4	91.2	91.5	92.4	93.7	93.7	96.0	97.1	97.4	98.4	98.5	99.0	99.3
IV 100	73.0	84.9	87.1	88.4	91.2	91.5	92.4	93.8	93.8	96.2	97.2	97.5	98.0	98.1	98.7	100.0
IV 0	73.0	84.9	87.1	88.4	91.2	91.5	92.4	93.8	93.8	96.2	97.2	97.5	98.0	98.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 602

AIR FORCE PROCESSING DIVISION
 1000 LTA
 AIR BEATER CENTER/AC

CEILING VERSUS VISIBILITY

17901
 STATION

CEILING AND DUTY
 STATION NAME

27-06
 YEARS

01
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2100
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	41.0	42.3	42.6	42.7	43.0	43.1	44.2	44.4	44.3	44.4	44.4	44.4	44.4	44.4	44.4	45.1
≥ 20000	42.1	43.2	43.5	43.8	44.0	44.0	45.2	45.4	45.4	45.8	45.8	45.8	45.8	45.8	46.0	46.1
≥ 18000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 16000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 14000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 12000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 10000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 9000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 8000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 7000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 6000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 5000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 4500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 4000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 3500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 3000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 2500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 2000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1800	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1200	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 900	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 800	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 700	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 600	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 400	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 300	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 200	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 100	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 0	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5

TOTAL NUMBER OF OBSERVATIONS 601

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION
17901

RESOLUTE NOT DUTY UNIT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.0	28.2	26.3	28.3	28.6	28.5	28.7	29.1	29.1	29.2	29.4	29.4	29.5	29.5	29.7	30.3
≥ 20000	27.0	28.8	26.9	29.1	29.2	29.2	29.3	29.7	29.7	29.8	30.0	30.0	30.2	30.2	30.3	30.9
≥ 18000	26.0	29.2	30.0	30.2	30.3	30.3	30.5	30.8	30.8	30.9	31.1	31.1	31.2	31.2	31.4	32.0
≥ 16000	26.9	30.2	30.3	30.3	30.3	30.3	30.8	31.1	31.2	31.2	31.4	31.5	31.5	31.7	31.7	32.4
≥ 14000	30.0	31.5	31.7	31.8	32.1	32.1	32.4	32.5	32.6	32.7	32.9	32.9	33.0	33.0	33.2	33.4
≥ 12000	30.0	31.7	32.0	32.3	32.5	32.5	32.6	32.7	33.0	33.0	33.2	33.3	33.3	33.3	33.5	34.2
≥ 10000	30.3	32.0	32.3	32.6	32.9	32.9	33.2	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.9	34.5
≥ 9000	30.4	32.6	32.9	33.2	33.5	33.5	33.5	33.9	33.9	34.1	34.2	34.2	34.4	34.4	34.5	35.2
≥ 8000	31.0	33.5	33.8	34.1	34.4	34.4	34.7	34.8	34.8	35.0	35.2	35.2	35.3	35.3	35.5	36.1
≥ 7000	34.5	36.2	36.7	37.0	37.3	37.3	37.6	37.7	37.7	38.0	38.2	38.2	38.3	38.3	38.5	39.1
≥ 6000	35.0	37.4	38.0	38.3	38.6	38.8	39.2	39.2	39.2	39.5	39.7	39.7	39.8	39.8	40.0	40.6
≥ 5000	36.4	38.0	38.6	38.9	39.2	39.5	39.9	40.0	40.0	40.3	40.5	40.5	40.6	40.6	40.8	41.4
≥ 4500	36.2	38.2	38.8	39.1	39.7	39.7	40.0	40.2	40.2	40.5	40.8	40.8	40.8	40.8	40.9	41.9
≥ 4000	36.0	38.6	40.5	40.8	41.4	41.4	41.8	41.8	41.8	42.1	42.3	42.3	42.4	42.4	42.6	43.2
≥ 3500	37.4	41.4	42.0	42.3	42.9	42.9	43.2	43.3	43.3	43.6	43.8	43.8	43.9	43.9	44.1	44.7
≥ 3000	41.2	43.8	44.4	44.8	45.5	45.5	45.7	46.1	46.1	46.4	46.5	46.5	46.7	46.7	46.8	47.4
≥ 2500	43.0	46.1	46.7	47.1	47.7	47.7	48.2	48.3	48.3	48.8	48.9	48.9	49.1	49.1	49.2	49.8
≥ 2000	47.0	50.5	51.1	51.5	52.1	52.1	52.6	53.0	53.0	53.3	53.5	53.5	53.6	53.6	53.8	54.4
≥ 1800	47.7	50.6	51.2	51.7	52.3	52.3	52.7	53.2	53.2	53.5	53.6	53.6	53.8	53.8	53.9	54.4
≥ 1500	53.5	56.5	57.1	57.7	58.3	58.6	59.2	59.7	59.7	60.2	60.3	60.3	60.5	60.5	60.6	61.2
≥ 1200	56.5	60.3	60.9	62.3	62.9	63.2	63.6	64.2	64.2	64.8	65.0	65.0	65.2	65.2	65.3	65.9
≥ 1000	62.0	66.2	67.1	68.2	69.4	69.7	70.0	71.2	71.2	71.8	72.1	72.1	72.3	72.3	72.4	73.2
≥ 900	62.9	67.1	68.0	69.1	70.3	70.6	71.7	72.3	72.3	72.9	73.2	73.2	73.3	73.3	73.5	74.2
≥ 800	65.2	69.5	70.8	72.0	73.2	73.5	74.5	75.2	75.2	75.9	76.2	76.2	76.4	76.4	76.5	77.3
≥ 700	66.5	71.5	72.7	74.1	75.3	75.6	76.7	77.4	77.4	78.3	78.6	78.6	78.8	78.8	78.9	79.7
≥ 600	69.1	74.2	75.5	76.8	78.0	78.3	79.7	80.3	80.3	81.4	81.7	81.7	81.8	81.8	82.1	82.7
≥ 500	69.8	75.8	77.0	78.3	79.8	80.3	81.6	82.7	82.7	84.5	84.8	84.8	85.2	85.3	85.5	86.1
≥ 400	70.5	76.8	78.0	79.4	81.1	81.8	83.2	84.1	84.1	86.1	86.4	86.7	87.1	87.3	87.7	88.5
≥ 300	71.7	78.9	80.2	82.0	83.9	84.8	86.4	87.3	87.3	89.4	89.7	90.0	90.8	90.9	91.7	93.3
≥ 200	72.0	79.4	81.1	82.6	84.8	85.8	87.4	88.8	88.8	91.4	91.7	92.0	92.7	92.9	94.2	95.5
≥ 100	72.4	80.0	81.7	83.3	85.8	86.7	88.3	89.7	89.7	92.4	92.7	93.0	93.9	94.1	95.5	99.2
≥ 0	72.4	80.0	81.7	83.3	85.8	86.7	88.3	89.7	89.7	92.4	92.7	93.0	94.1	94.2	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS

600

AIR FORCE PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

1961
STATION

RESOLUTE POINT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7400-0200
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.9	30.5	30.5	30.5	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	32.0
≥ 25000	9.9	31.4	31.6	31.6	31.7	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.2	33.2
IV 18000	11.7	32.3	32.5	32.5	32.6	32.6	32.6	32.9	32.9	32.9	32.9	32.9	32.9	33.1	33.1	34.1
IV 16000	12.2	32.6	32.9	32.9	33.1	33.1	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.5	33.5	34.7
IV 14000	12.0	33.4	33.7	33.7	33.8	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.3	34.3	35.5
IV 12000	13.1	33.7	34.0	34.0	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	35.8
IV 10000	13.4	34.0	34.3	34.3	34.4	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.1	35.1	36.3
IV 9000	13.5	34.1	34.4	34.4	34.6	34.6	34.6	35.1	35.1	35.2	35.2	35.2	35.2	35.4	35.4	36.6
IV 8000	14.4	35.1	35.4	35.4	35.5	35.5	35.5	36.0	36.0	36.1	36.1	36.1	36.1	36.3	36.3	37.6
IV 7000	16.3	35.9	37.2	37.2	37.3	37.3	37.3	37.8	37.8	37.9	37.9	37.9	37.9	38.2	38.2	39.5
IV 6000	19.2	39.0	40.4	40.4	40.5	40.5	40.5	41.0	41.0	41.1	41.1	41.1	41.1	41.4	41.4	42.7
IV 5000	19.9	40.5	41.3	41.3	41.4	41.4	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.3	42.3	43.7
IV 4500	19.9	40.5	41.3	41.3	41.4	41.4	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.3	42.3	43.7
IV 4000	19.9	40.5	41.3	41.3	41.4	41.4	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.3	42.3	43.7
IV 3500	22.3	43.1	44.0	44.2	44.3	44.3	44.3	44.9	44.9	45.1	45.1	45.1	45.1	45.4	45.4	46.7
IV 3000	22.7	44.0	45.3	46.0	46.1	46.1	46.1	46.9	46.9	47.0	47.0	47.0	47.0	47.3	47.3	48.7
IV 2500	25.0	45.7	48.0	48.1	48.3	48.3	48.3	49.0	49.0	49.2	49.2	49.2	49.2	49.5	49.5	50.8
IV 2000	29.9	51.0	52.2	52.5	52.7	52.7	52.7	53.7	53.7	53.9	53.9	53.9	53.9	54.2	54.2	55.5
IV 1800	30.1	51.1	52.4	52.7	52.9	52.9	52.9	53.9	53.9	54.0	54.0	54.0	54.0	54.3	54.3	55.7
IV 1500	34.9	51.6	57.7	58.0	58.1	58.1	58.1	59.0	59.0	59.8	59.8	60.1	60.1	60.4	60.4	61.7
IV 1000	35.0	59.9	61.2	61.6	61.9	62.2	62.2	63.7	63.7	64.2	64.2	64.2	64.2	64.5	64.5	65.8
IV 900	35.0	60.3	62.0	63.4	63.9	64.2	64.2	65.7	65.7	66.2	66.2	66.2	66.2	66.5	66.5	67.8
IV 800	37.1	67.4	69.0	69.5	70.0	70.3	70.3	71.0	71.0	72.2	72.2	72.7	72.7	73.0	73.0	74.3
IV 700	37.1	70.1	71.4	72.4	73.0	73.7	73.7	74.5	74.5	75.7	75.7	76.2	76.2	76.5	76.5	77.8
IV 600	40.0	71.6	73.3	73.9	74.5	75.3	75.3	76.2	76.2	77.7	77.7	78.3	78.3	78.6	78.6	79.9
IV 500	40.0	73.0	74.7	75.3	75.9	76.6	76.6	77.7	77.7	79.7	79.7	80.7	80.7	81.2	81.2	82.5
IV 400	40.9	73.9	75.7	76.3	77.2	78.0	78.0	79.4	79.4	81.3	81.3	83.0	83.0	83.8	83.8	85.7
IV 300	41.9	75.1	77.1	77.8	79.2	80.0	80.0	81.3	81.3	83.9	83.9	85.4	85.4	86.5	86.5	88.8
IV 200	42.7	78.5	78.9	79.7	81.5	82.4	83.0	83.9	83.9	86.9	86.9	88.3	88.3	89.7	89.7	92.1
IV 100	43.4	77.4	80.0	81.3	83.3	84.2	85.0	87.9	87.9	88.3	88.3	90.6	90.6	91.7	91.7	95.8
IV 0	44.1	78.5	81.2	81.9	83.9	84.8	86.3	88.6	88.6	89.2	89.2	91.4	91.4	91.7	91.7	99.2

TOTAL NUMBER OF OBSERVATIONS

127

AD-A100 245

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

UNCLASSIFIED

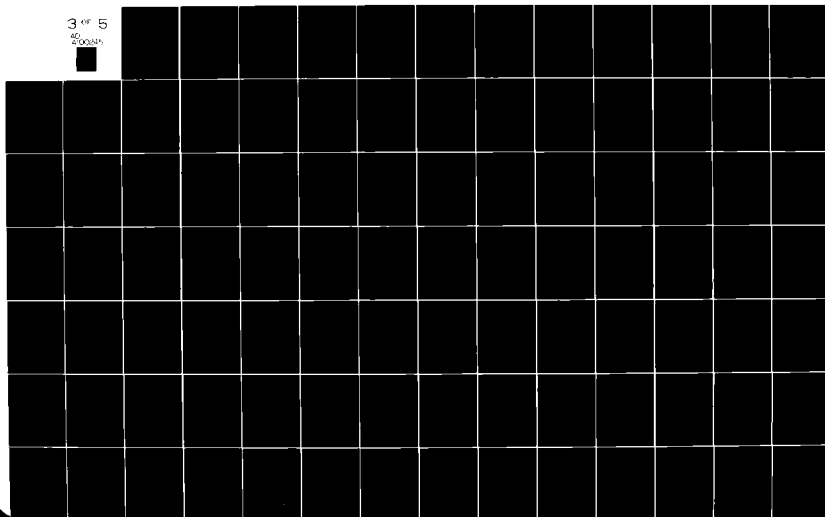
USAFETAC/DS-81/040

SBIE-AD-E850 067

NL

3 of 5

NO
FOOTNOTES



DATA PROCESSING DIVISION
USAF ETAC
AFM-64-10-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION 17901 INVESTIGATOR (NAME) DDT MP

57-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. CO-OBSERVED
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	32.0	32.4	32.7	33.0	33.2	33.3	33.5	33.6	33.6	33.9	34.1	34.1	34.4	34.4	34.4	34.7
≥ 20000	32.1	32.5	32.8	33.2	33.6	33.5	33.5	33.8	33.6	34.1	34.2	34.2	34.7	34.7	34.7	35.0
≥ 18000	33.2	33.6	33.9	34.2	34.7	34.7	34.8	34.8	34.8	35.2	35.3	35.3	35.8	35.8	35.8	36.1
≥ 16000	33.3	33.8	34.1	34.4	34.6	34.8	35.0	35.0	35.0	35.3	35.3	35.5	35.9	35.9	35.9	36.2
≥ 14000	34.7	35.2	35.6	35.9	36.4	36.4	36.5	36.5	36.5	36.8	37.0	37.0	37.4	37.4	37.4	37.7
≥ 12000	34.7	35.2	35.6	35.9	36.4	36.4	36.5	36.5	36.5	36.8	37.0	37.0	37.4	37.4	37.4	37.7
IV 10000	35.3	35.8	36.2	36.5	37.0	37.0	37.1	37.1	37.1	37.4	37.6	37.6	38.0	38.0	38.0	38.3
IV 9000	36.1	36.5	37.0	37.3	37.7	37.7	37.7	37.9	37.9	38.2	38.3	38.3	38.8	38.8	38.8	39.1
IV 8000	37.0	38.0	38.5	38.8	39.2	39.2	39.3	39.4	39.4	39.7	39.8	39.8	40.3	40.3	40.3	40.6
IV 7000	37.5	40.2	40.6	41.1	41.5	41.5	41.7	41.7	41.7	42.0	42.1	42.1	42.6	42.6	42.6	42.9
IV 6000	40.8	41.4	42.0	42.3	42.7	42.7	42.9	42.9	43.0	43.3	43.3	43.3	43.9	43.9	43.9	44.2
IV 5000	41.2	42.0	42.0	42.9	43.3	43.3	43.3	43.5	43.6	43.9	44.1	44.1	44.5	44.5	44.5	44.8
IV 4500	41.2	42.0	42.0	42.9	43.3	43.3	43.5	43.5	43.6	43.9	44.1	44.1	44.5	44.5	44.5	44.8
IV 4000	42.9	43.6	44.2	44.7	45.5	45.5	45.5	45.8	45.8	46.1	46.2	46.2	46.7	46.7	46.7	47.0
IV 3500	43.9	44.7	45.3	45.8	46.5	46.5	46.7	46.7	46.8	47.1	47.3	47.3	47.7	47.7	47.7	48.0
IV 3000	46.4	47.3	47.9	48.3	49.1	49.2	49.4	49.4	49.5	49.8	50.0	50.0	50.6	50.6	50.6	50.9
IV 2500	48.0	49.1	49.8	50.3	51.1	51.2	51.5	51.5	51.7	52.0	52.1	52.1	52.7	52.7	52.7	53.0
IV 2000	50.3	51.5	52.3	52.9	53.6	53.8	54.1	54.2	54.4	54.7	54.8	54.8	55.5	55.5	55.5	55.8
IV 1800	50.3	51.5	52.6	53.2	54.1	54.2	54.5	54.7	54.8	55.2	55.3	55.3	55.9	55.9	55.9	56.2
IV 1500	54.2	56.2	57.0	57.9	58.8	58.9	59.4	59.7	59.8	60.3	60.5	60.5	61.1	61.1	61.1	61.4
IV 1200	57.0	59.2	60.0	61.1	62.3	62.4	63.0	63.3	63.5	64.2	64.4	64.4	65.0	65.0	65.0	65.5
IV 1000	63.6	67.0	67.7	69.2	71.1	71.2	72.5	72.7	72.9	73.8	74.1	74.1	74.7	74.7	74.7	75.2
IV 900	64.1	67.6	68.3	69.8	71.7	71.8	72.9	73.5	73.6	74.5	74.8	74.8	75.5	75.5	75.5	76.1
IV 800	66.5	70.2	70.9	72.6	74.8	75.0	76.1	76.8	77.0	78.0	78.3	78.3	78.9	78.9	78.9	79.5
IV 700	71.7	71.4	72.1	73.9	76.2	76.5	77.0	78.5	78.6	79.8	80.2	80.3	80.9	81.1	81.4	81.7
IV 600	79.1	73.2	73.9	75.8	78.5	78.8	80.0	80.9	81.1	82.4	82.7	82.7	83.8	83.9	84.2	84.5
IV 500	70.3	74.8	75.6	77.4	80.3	80.8	82.0	83.3	83.6	85.5	85.9	85.9	87.0	87.1	87.4	87.7
IV 400	70.5	75.5	76.2	78.0	81.1	81.5	83.0	84.4	84.7	87.0	87.6	87.6	89.1	89.4	89.7	90.0
IV 300	71.7	77.3	78.2	80.0	83.2	83.6	85.5	87.0	87.3	90.0	90.9	90.9	92.9	93.7	93.9	94.2
IV 200	72.6	78.3	79.2	81.1	84.2	84.7	87.1	88.6	88.9	92.0	92.9	92.9	95.2	95.5	95.5	97.3
IV 100	72.6	78.6	79.7	81.5	84.7	85.2	87.7	89.4	89.7	92.7	93.6	93.6	96.2	96.5	96.5	99.7
IV 0	72.6	74.6	74.7	81.5	84.7	85.2	87.7	89.4	89.7	92.7	93.6	93.6	96.2	96.5	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY DEL RPT
STATION NAME

57-66
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	33.9	33.9	34.1	34.2	34.4	34.4	34.5	34.5	34.5	34.7	34.7	34.7	35.2	35.2	35.3	35.3
≥ 20000	34.2	34.4	34.3	34.7	34.6	34.8	35.0	35.0	35.0	35.3	35.3	35.3	35.8	35.8	35.9	35.9
IV 18000	35.2	35.3	35.3	35.6	35.3	35.8	35.7	35.9	35.9	36.2	36.2	36.2	36.7	36.7	36.8	36.8
IV 16000	35.2	35.3	35.3	35.6	35.3	35.8	35.7	35.9	35.9	36.2	36.2	36.2	36.7	36.7	36.8	36.8
IV 14000	35.0	35.8	35.9	36.2	36.5	36.5	36.8	36.8	37.1	37.1	37.1	37.1	37.7	37.7	37.9	37.9
IV 12000	35.0	35.9	36.1	36.4	36.7	36.7	37.0	37.0	37.0	37.3	37.3	37.3	37.7	37.7	37.9	37.9
IV 10000	36.2	36.7	36.8	37.1	37.4	37.4	37.7	37.9	37.9	38.2	38.2	38.2	38.6	38.8	38.9	38.9
IV 9000	38.0	38.6	38.8	39.1	39.4	39.4	39.8	39.8	39.8	40.2	40.2	40.2	40.6	40.8	40.9	40.9
IV 8000	40.0	40.8	40.9	41.2	41.5	41.5	42.0	42.0	42.0	42.3	42.3	42.3	42.7	42.9	43.0	43.0
IV 7000	43.2	43.9	44.1	44.4	44.7	44.7	45.2	45.2	45.2	45.5	45.5	45.5	45.9	46.1	46.2	46.2
IV 6000	44.8	45.6	45.9	46.2	46.5	46.5	47.0	47.0	47.0	47.3	47.3	47.3	47.7	47.9	48.0	48.0
IV 5000	45.0	45.8	46.1	46.4	46.7	46.7	47.1	47.1	47.1	47.4	47.4	47.4	47.9	48.0	48.2	48.2
IV 4500	45.2	45.9	46.2	46.5	46.8	46.8	47.3	47.3	47.3	47.6	47.6	47.6	48.0	48.2	48.3	48.3
IV 4000	46.2	47.3	47.6	47.9	48.3	48.3	48.8	48.8	48.8	49.1	49.1	49.1	49.5	49.7	49.9	49.9
IV 3500	48.8	47.6	47.9	48.2	48.6	48.6	49.1	49.1	49.1	49.4	49.4	49.4	49.8	50.0	50.2	50.7
IV 3000	49.1	49.8	50.2	50.6	51.1	51.1	51.5	51.5	51.5	51.8	51.8	51.8	52.3	52.4	52.6	52.6
IV 2500	51.2	52.0	52.3	52.7	53.2	53.2	53.9	53.9	53.9	54.2	54.2	54.2	54.7	54.8	55.0	55.0
IV 2000	53.9	54.7	55.0	55.5	55.9	55.9	56.3	57.0	57.0	57.3	57.3	57.3	57.7	57.9	58.0	58.0
IV 1800	54.5	55.8	56.2	56.7	57.3	57.3	58.2	58.5	58.5	58.8	58.8	58.8	58.9	59.4	59.5	59.7
IV 1500	56.0	61.1	61.5	62.3	63.3	63.3	64.4	64.7	64.7	65.2	65.3	65.3	65.9	66.1	66.2	66.2
IV 1200	62.0	64.8	65.3	66.1	67.3	67.3	68.5	68.8	68.8	69.2	69.7	69.7	70.2	70.3	70.5	70.5
IV 1000	67.7	71.4	72.0	72.9	74.2	74.7	76.1	76.5	76.5	77.3	77.7	77.7	78.2	78.3	78.5	78.5
IV 900	68.0	71.7	72.3	73.3	74.7	75.2	77.0	77.4	77.4	78.2	78.6	78.6	79.1	79.2	79.4	79.4
IV 800	69.6	73.6	74.4	75.6	77.0	77.4	79.7	80.3	80.3	81.1	81.7	81.7	82.3	82.4	82.6	82.6
IV 700	70.9	75.3	76.1	77.3	78.9	79.4	81.7	82.3	82.3	83.3	83.9	83.9	84.1	84.7	84.8	85.0
IV 600	72.1	76.5	77.3	78.5	80.2	80.6	82.9	83.8	83.8	85.0	85.6	85.6	86.5	86.7	86.8	86.8
IV 500	73.6	78.5	79.2	80.3	82.1	82.6	85.0	86.1	86.1	87.7	88.3	88.3	89.2	89.4	89.5	89.7
IV 400	74.8	80.2	81.2	82.7	84.5	85.0	87.7	88.8	88.8	90.6	91.4	91.4	92.3	92.6	92.7	92.9
IV 300	75.9	81.5	82.7	84.4	86.2	86.8	90.0	91.5	91.8	93.8	94.8	95.2	96.2	96.5	96.7	97.0
IV 200	76.1	81.7	82.9	84.5	86.4	87.0	90.2	91.7	92.0	94.1	95.2	95.4	96.5	96.8	97.1	97.7
IV 100	76.1	81.8	83.0	84.7	86.7	87.3	90.6	92.1	92.4	94.7	96.1	96.4	97.6	97.9	98.5	99.7
IV 0	76.1	81.8	83.0	84.7	86.7	87.3	90.6	92.1	92.4	94.7	96.1	96.4	97.6	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 660

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/400

CEILING VERSUS VISIBILITY

17401
STATION

RESOLUTE PT AFB
STATION NAME

57-56
YEARS

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.7	35.0	35.0	35.0	35.2	35.2	35.0	35.0	35.6	35.9	36.1	36.1	36.2	36.2	36.2	36.2
≥ 20000	35.2	35.5	35.5	35.5	35.6	35.6	36.1	36.1	36.1	36.4	36.5	36.5	36.7	36.7	36.7	36.7
IV 18000	36.1	36.4	36.4	36.4	36.5	36.5	37.0	37.0	37.0	37.4	37.6	37.6	37.7	37.7	37.7	37.7
IV 16000	36.1	36.4	36.4	36.4	36.5	36.5	37.0	37.0	37.0	37.4	37.6	37.6	37.7	37.7	37.7	37.7
IV 14000	37.1	37.4	37.4	37.4	37.6	37.6	38.0	38.0	38.0	38.5	38.6	38.6	38.8	38.8	38.8	38.8
IV 12000	37.3	37.6	37.6	37.6	37.7	37.7	38.2	38.2	38.2	38.6	38.8	38.8	38.9	38.9	38.9	38.9
IV 10000	38.4	39.2	39.2	39.2	39.4	39.4	40.2	40.2	40.2	40.6	40.8	40.8	40.9	40.9	40.9	40.9
IV 9000	40.6	41.1	41.1	41.1	41.2	41.2	42.0	42.0	42.0	42.4	42.6	42.6	42.7	42.7	42.7	42.7
IV 8000	43.0	43.6	43.6	43.6	44.1	44.1	44.8	44.8	44.8	45.3	45.5	45.5	45.6	45.6	45.6	45.6
IV 7000	47.1	47.9	48.2	48.2	48.3	48.3	49.1	49.1	49.1	49.5	49.7	49.7	49.8	49.8	49.8	49.8
IV 6000	47.7	48.5	48.8	48.8	48.9	48.9	49.7	49.7	49.7	50.2	50.3	50.3	50.5	50.5	50.5	50.5
IV 5000	48.3	49.2	49.5	49.5	49.7	49.7	50.5	50.5	50.5	50.9	51.1	51.1	51.2	51.2	51.2	51.2
IV 4500	48.5	49.4	49.7	49.7	49.8	49.8	50.6	50.6	50.6	51.1	51.2	51.2	51.4	51.4	51.4	51.4
IV 4000	50.5	51.5	51.8	51.8	52.0	52.0	52.7	52.7	52.7	53.2	53.3	53.3	53.5	53.5	53.5	53.5
IV 3500	51.2	52.3	52.6	52.6	52.7	52.7	53.5	53.5	53.5	53.9	54.1	54.1	54.2	54.2	54.2	54.2
IV 3000	52.9	53.9	54.2	54.2	54.4	54.4	55.2	55.2	55.2	55.6	55.8	55.8	55.9	55.9	55.9	55.9
IV 2500	53.8	55.0	55.3	55.3	55.6	55.6	56.4	56.4	56.4	56.8	57.0	57.0	57.1	57.1	57.1	57.1
IV 2000	56.1	57.4	57.7	57.7	58.5	58.5	59.2	59.2	59.2	59.7	59.8	59.8	60.0	60.0	60.0	60.0
IV 1800	57.3	58.6	58.9	58.9	59.7	59.7	60.5	60.5	60.5	60.9	61.1	61.1	61.2	61.4	61.4	61.4
IV 1600	60.6	62.9	63.3	63.3	64.7	64.7	65.9	65.9	65.9	66.4	66.5	66.5	66.7	66.8	66.8	66.8
IV 1400	63.0	66.4	67.0	67.0	68.8	68.8	70.3	70.3	70.3	71.2	71.4	71.4	71.5	71.7	71.7	71.7
IV 1200	67.7	73.9	74.7	74.7	77.1	77.1	78.8	78.8	78.8	80.0	80.2	80.2	80.3	80.5	80.5	80.5
IV 1000	70.6	75.0	75.8	75.8	78.2	78.2	79.8	79.8	79.8	81.1	81.2	81.2	81.4	81.5	81.5	81.5
IV 900	73.3	78.0	79.1	79.1	81.7	81.7	83.5	83.5	83.5	84.7	84.8	84.8	85.0	85.2	85.2	85.2
IV 800	75.3	80.2	81.2	81.2	83.8	83.8	85.6	85.6	85.6	87.0	87.1	87.1	87.3	87.4	87.4	87.4
IV 700	76.7	81.5	82.6	82.6	85.3	85.3	87.1	87.1	87.1	88.6	88.7	88.7	89.0	89.1	89.1	89.1
IV 600	78.2	83.2	84.2	84.2	87.1	87.1	88.9	88.9	88.9	90.2	90.3	90.3	90.5	90.6	90.6	90.6
IV 500	78.2	83.6	84.7	84.7	88.2	88.2	90.2	90.2	90.2	91.4	91.4	91.4	91.6	91.7	91.7	91.7
IV 400	78.5	83.9	85.0	85.0	89.4	89.4	91.5	91.5	91.5	93.3	93.3	93.3	93.6	93.7	93.7	93.7
IV 300	78.8	84.4	85.5	85.5	89.8	89.8	92.0	92.0	92.0	93.9	93.9	93.9	94.2	94.3	94.3	94.3
IV 200	78.8	84.4	85.5	85.5	89.8	89.8	92.0	92.0	92.0	93.9	93.9	93.9	94.2	94.3	94.3	94.3
IV 100	78.8	84.4	85.5	85.5	89.8	89.8	92.0	92.0	92.0	93.9	93.9	93.9	94.2	94.3	94.3	94.3
IV 0	78.8	84.4	85.5	85.5	89.8	89.8	92.0	92.0	92.0	93.9	93.9	93.9	94.2	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS 560

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DAC

CEILING VERSUS VISIBILITY

17901
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
STATION NAME

57-66
YEARS

31-4
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 18000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 16000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 14000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 12000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 10000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 8000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 7000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 6000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 5000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 4500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 4000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 3500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 3000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 2500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 2000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1800	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1200	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 900	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 800	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 700	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 600	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 400	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 300	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 200	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 100	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 0	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3

TOTAL NUMBER OF OBSERVATIONS

660

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE PT OFF APT
STATION NAME

27-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1806-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
≥ 20000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 18000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 16000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 14000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 8000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 6000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 4000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 3000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 2000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1800	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1600	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1400	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1200	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 800	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 600	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 400	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 300	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 200	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 100	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2

TOTAL NUMBER OF OBSERVATIONS

660

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
 STATION

RESOLUTE NFI DUTY APT
 STATION NAME

57-46
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	26.5	24.6	24.1	29.1	29.1	29.1	29.4	27.4	29.4	29.5	29.7	29.7	29.7	29.7	29.7	30.3
≥ 20000	29.6	24.9	29.4	29.4	29.4	29.4	29.7	29.7	29.7	29.8	30.0	30.0	30.0	30.0	30.2	30.6
IV 18000	29.7	30.2	30.6	30.6	30.6	30.6	30.9	30.9	30.9	31.2	31.4	31.4	31.4	31.4	31.5	32.0
IV 16000	29.7	30.2	30.6	30.6	30.6	30.6	30.7	30.9	30.9	31.2	31.4	31.4	31.4	31.4	31.5	32.0
IV 14000	32.0	32.6	33.3	33.3	33.3	33.3	33.6	34.6	33.6	34.1	34.2	34.2	34.2	34.2	34.4	34.8
IV 12000	32.1	32.7	33.5	33.5	33.5	33.5	33.8	34.8	33.8	34.4	34.5	34.5	34.5	34.5	34.7	35.2
IV 10000	33.0	33.6	34.4	34.4	34.4	34.4	34.7	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.6	36.1
IV 9000	33.3	33.9	34.7	34.7	34.7	34.7	35.0	35.0	35.0	35.6	35.8	35.8	35.8	35.8	35.9	36.4
IV 8000	35.0	35.6	36.4	36.4	36.4	36.4	36.7	36.7	36.7	37.3	37.4	37.4	37.4	37.4	37.6	38.0
IV 7000	39.5	40.3	41.1	41.1	41.2	41.2	41.5	41.5	41.5	42.1	42.3	42.3	42.3	42.3	42.4	42.9
IV 6000	40.5	41.2	42.0	42.0	42.1	42.1	42.4	42.4	42.4	43.0	43.2	43.2	43.2	43.2	43.3	43.8
IV 5000	41.5	42.3	43.0	43.0	43.2	43.2	43.5	43.5	43.5	44.1	44.2	44.2	44.2	44.2	44.4	44.8
IV 4500	41.5	42.3	43.0	43.0	43.2	43.2	43.5	43.5	43.5	44.1	44.2	44.2	44.2	44.2	44.4	44.8
IV 4000	44.5	45.3	46.0	46.0	46.2	46.2	46.5	46.5	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.8
IV 3500	44.5	45.3	46.0	46.0	46.2	46.2	46.5	46.5	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.8
IV 3000	45.9	47.1	48.0	48.0	48.2	48.2	48.6	48.6	48.6	49.2	49.4	49.4	49.4	49.4	49.5	50.2
IV 2500	47.9	49.4	50.3	50.3	50.5	50.5	50.9	50.9	50.9	51.5	51.7	51.7	51.7	51.7	51.8	52.4
IV 2000	52.0	53.8	54.7	54.7	54.8	54.8	55.3	55.3	55.3	55.9	56.1	56.1	56.1	56.1	56.2	56.8
IV 1800	52.1	53.9	54.8	54.8	55.3	55.3	55.8	55.8	55.8	56.5	56.7	56.7	56.7	56.7	56.8	57.4
IV 1500	57.4	60.3	61.4	61.4	62.6	63.0	63.6	63.6	63.6	64.5	64.7	64.7	64.7	64.7	64.8	65.5
IV 1200	59.8	63.3	64.4	64.4	65.8	66.2	67.0	67.0	67.0	68.0	68.2	68.2	68.2	68.2	68.3	68.9
IV 1000	65.9	70.3	71.4	71.4	73.0	73.5	74.4	74.4	74.4	75.2	75.4	75.4	75.4	75.4	75.7	77.3
IV 900	77.7	72.3	73.5	74.2	75.2	75.6	76.5	77.1	77.3	78.5	78.5	78.5	78.5	78.5	78.8	79.4
IV 800	69.5	74.4	75.6	76.4	77.3	77.7	78.8	79.4	79.5	80.8	80.9	80.9	80.9	80.9	81.1	81.7
IV 700	70.8	75.2	77.4	78.2	79.2	79.7	80.8	81.4	81.5	83.0	83.2	83.2	83.2	83.2	83.3	84.1
IV 600	71.5	77.7	79.2	80.2	81.2	81.7	82.7	83.3	83.5	85.0	85.2	85.2	85.2	85.2	85.3	86.1
IV 500	72.6	79.2	81.1	82.1	83.3	83.9	85.0	85.6	85.8	87.9	88.0	88.0	88.0	88.0	88.0	89.4
IV 400	73.2	80.2	82.3	83.6	84.6	85.5	86.5	87.1	87.3	89.7	89.8	89.8	89.8	89.8	90.2	91.4
IV 300	74.1	81.1	83.3	84.7	86.2	86.8	88.0	88.8	88.9	91.5	91.7	91.7	91.7	91.7	92.3	94.1
IV 200	74.7	81.7	84.1	85.5	87.1	87.7	89.4	90.2	90.3	93.2	93.5	93.5	93.5	93.5	94.2	97.6
IV 100	74.7	81.8	84.4	85.8	87.4	88.0	90.2	91.1	91.2	94.2	94.5	94.5	94.5	94.5	95.6	98.5
IV 0	74.7	81.8	84.4	85.8	87.4	88.0	90.2	91.1	91.2	94.2	94.7	94.7	94.7	94.7	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
WIND WEATHER SERVICE/ACG

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NAT OPT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	31.2	31.7	32.3	32.3	32.3	32.3	32.3	32.6	32.6	32.7	32.7	32.7	33.0	33.0	33.3	33.3
≥ 20000	32.0	33.0	33.0	33.6	33.6	33.6	33.6	33.9	33.9	34.0	34.0	34.0	34.3	34.3	34.6	34.6
IV 18000	33.3	33.7	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.8	34.8	35.0	35.5
IV 16000	33.3	33.7	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.8	34.8	35.0	35.5
IV 14000	34.0	34.5	35.0	35.0	35.2	35.2	35.2	35.5	35.5	35.6	35.6	35.6	35.9	35.9	36.2	36.4
IV 12000	34.6	35.0	35.6	35.6	35.8	35.8	35.8	36.1	36.1	36.2	36.2	36.2	36.5	36.5	36.6	37.0
IV 10000	36.2	36.7	37.2	37.2	37.4	37.4	37.4	37.7	37.7	37.8	37.8	37.8	38.1	38.1	38.4	38.6
IV 9000	37.7	38.1	38.7	38.7	38.9	38.9	38.9	39.1	39.1	39.3	39.3	39.3	39.6	39.6	39.9	40.0
IV 8000	42.1	42.7	43.3	43.3	43.4	43.4	43.4	43.7	43.7	43.8	43.8	43.8	44.1	44.1	44.4	44.6
IV 7000	43.7	44.4	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.6	45.6	45.6	45.9	45.9	46.2	46.3
IV 6000	44.9	45.6	46.2	46.2	46.3	46.3	46.3	46.6	46.6	46.8	46.8	46.8	47.1	47.1	47.4	47.5
IV 5000	45.0	46.3	46.9	46.9	47.1	47.1	47.1	47.4	47.4	47.7	47.7	47.7	47.9	47.9	48.2	48.4
IV 4500	46.3	47.2	47.8	47.8	47.9	47.9	47.9	48.2	48.2	48.5	48.5	48.5	48.8	48.8	49.1	49.3
IV 4000	48.7	49.4	50.0	50.0	50.1	50.1	50.1	50.4	50.4	50.7	50.7	50.7	51.0	51.0	51.3	51.6
IV 3500	50.0	50.7	51.3	51.3	51.5	51.5	51.5	51.9	51.9	52.3	52.3	52.3	52.6	52.6	52.9	53.2
IV 3000	52.3	53.4	54.0	54.0	54.1	54.1	54.1	54.5	54.5	55.1	55.1	55.1	55.4	55.4	55.7	56.0
IV 2500	54.1	55.1	55.7	55.7	56.0	56.0	56.0	56.5	56.5	57.0	57.0	57.0	57.3	57.3	57.6	58.2
IV 2000	58.2	59.4	60.3	60.4	60.9	60.9	60.9	61.3	61.3	61.9	61.9	61.9	62.2	62.2	62.5	63.0
IV 1800	58.8	60.0	60.9	61.0	61.4	61.4	61.4	61.9	61.9	62.5	62.5	62.5	62.8	62.8	63.0	63.6
IV 1500	51.9	63.6	64.3	64.7	65.1	65.1	65.1	65.5	65.5	66.1	66.1	66.1	66.7	66.7	67.0	67.6
IV 1200	62.8	64.5	65.4	65.7	66.1	66.1	66.1	66.6	66.6	67.2	67.2	67.2	67.3	67.3	68.0	68.9
IV 1000	66.4	69.4	70.2	70.7	71.1	71.1	71.1	71.6	71.6	72.6	72.6	72.6	73.2	73.2	74.2	75.1
IV 900	66.9	69.8	70.7	71.1	71.6	71.6	71.6	72.0	72.0	73.0	73.0	73.0	73.6	73.6	74.6	75.5
IV 800	68.0	71.4	72.3	72.7	73.3	73.3	73.3	73.9	73.9	74.9	74.9	74.9	75.5	75.5	76.5	77.4
IV 700	69.2	72.7	73.8	74.2	74.8	74.8	74.8	75.5	75.5	76.7	76.7	76.7	77.3	77.3	78.3	79.2
IV 600	69.4	72.9	74.2	74.6	75.2	75.2	75.2	76.0	76.0	77.1	77.1	77.1	77.7	77.7	78.7	79.9
IV 500	70.2	73.9	75.2	75.7	76.5	76.5	76.5	77.6	77.6	78.7	78.7	78.7	79.3	79.3	80.4	81.5
IV 400	71.6	75.4	76.7	77.3	78.3	78.3	78.3	79.5	79.5	80.6	80.6	80.6	81.2	81.2	82.3	83.0
IV 300	72.9	77.0	78.3	78.9	80.1	80.1	80.1	81.4	81.4	82.7	82.7	82.7	83.3	83.3	84.6	85.7
IV 200	73.0	77.3	78.6	79.3	80.5	80.5	80.5	81.8	81.8	83.0	83.0	83.0	84.3	84.3	85.6	86.9
IV 100	73.3	77.6	78.9	79.6	80.9	80.9	80.9	82.1	82.1	83.4	83.4	83.4	84.8	84.8	86.1	87.5
IV 0	73.3	77.6	78.9	79.6	80.9	80.9	80.9	82.1	82.1	83.4	83.4	83.4	84.8	84.8	86.1	87.5

TOTAL NUMBER OF OBSERVATIONS

667

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AGC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NAV BUI APT
STATION NAME

57-65
YEARS

MONTH

0100-0500
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.1	32.4	32.7	32.8	32.8	32.8	33.1	33.4	33.4	33.9	33.9	33.9	34.0	34.0	34.0	34.3
≥ 20000	33.1	34.0	34.3	34.3	34.3	34.3	34.6	35.0	35.0	35.3	35.3	35.3	35.6	35.6	35.6	35.7
≥ 18000	33.7	34.6	34.9	35.0	35.0	35.0	35.3	35.6	35.6	36.1	36.1	36.1	36.2	36.2	36.2	36.9
≥ 16000	33.7	34.6	34.9	35.0	35.0	35.0	35.3	35.6	35.6	36.1	36.1	36.1	36.2	36.2	36.2	36.9
≥ 14000	34.6	35.0	35.3	35.5	35.5	35.5	35.6	36.1	36.1	36.5	36.5	36.5	36.7	36.7	36.7	37.0
≥ 12000	34.6	35.0	35.3	35.5	35.5	35.5	35.6	36.1	36.1	36.5	36.5	36.5	36.7	36.7	36.7	37.0
≥ 10000	35.0	35.5	35.6	36.0	36.0	36.0	36.2	36.7	36.7	37.1	37.1	37.1	37.2	37.2	37.2	37.5
≥ 9000	37.5	38.4	38.7	38.9	38.9	38.9	39.2	39.6	39.6	40.0	40.0	40.0	40.2	40.2	40.2	40.5
≥ 8000	40.0	40.9	41.2	41.3	41.3	41.3	41.6	42.1	42.1	42.5	42.5	42.5	42.7	42.7	42.7	43.0
≥ 7000	43.0	43.8	44.1	44.3	44.3	44.3	44.6	45.0	45.0	45.5	45.5	45.5	45.6	45.6	45.6	45.9
≥ 6000	43.0	44.7	45.0	45.2	45.2	45.2	45.5	45.9	45.9	46.3	46.3	46.3	46.5	46.5	46.5	46.8
≥ 5000	44.0	45.3	45.7	45.9	45.9	45.9	46.2	46.6	46.6	47.1	47.1	47.1	47.2	47.2	47.2	47.5
≥ 4500	44.9	45.7	46.0	46.2	46.2	46.2	46.5	46.9	46.9	47.4	47.4	47.4	47.5	47.5	47.5	47.8
≥ 4000	46.0	47.5	47.8	47.9	47.9	47.9	48.2	48.7	48.7	49.1	49.1	49.1	49.3	49.3	49.3	49.6
≥ 3500	47.7	48.5	48.8	49.0	49.0	49.0	49.3	49.9	49.9	50.4	50.4	50.4	50.6	50.6	50.6	50.9
≥ 3000	51.2	52.1	52.3	52.5	52.5	52.5	52.8	53.4	53.4	54.1	54.1	54.1	54.3	54.3	54.3	54.5
≥ 2500	53.7	54.8	55.1	55.3	55.3	55.3	55.6	56.2	56.2	56.9	57.0	57.0	57.3	57.3	57.3	57.6
≥ 2000	57.2	58.4	58.7	58.8	58.8	58.8	59.1	59.8	59.8	60.7	61.1	61.1	61.4	61.4	61.4	61.7
≥ 1800	57.9	59.1	59.4	59.5	59.5	59.5	59.8	60.6	60.6	61.4	61.9	61.9	62.2	62.2	62.2	62.5
≥ 1500	60.7	62.3	62.6	62.9	62.9	62.9	63.2	63.9	63.9	64.8	65.4	65.4	65.9	65.9	65.9	66.3
≥ 1200	61.3	62.9	63.2	63.5	63.5	63.5	63.9	64.7	64.8	65.7	66.3	66.3	66.9	66.9	66.9	67.3
≥ 1000	63.9	65.3	65.6	66.0	66.0	66.0	66.3	67.0	67.0	67.9	68.5	68.5	69.4	69.4	69.4	69.7
≥ 900	64.1	65.6	65.9	66.2	66.2	66.2	66.5	67.2	67.2	68.1	68.7	68.7	69.6	69.6	69.6	70.0
≥ 800	65.7	67.0	67.3	67.6	67.6	67.6	67.9	68.6	68.6	69.5	70.1	70.1	71.0	71.0	71.0	71.3
≥ 700	66.6	68.1	68.4	68.7	68.7	68.7	69.0	69.7	69.7	70.6	71.2	71.2	72.1	72.1	72.1	72.4
≥ 600	67.0	68.5	68.8	69.1	69.1	69.1	69.4	70.1	70.1	71.0	71.6	71.6	72.5	72.5	72.5	72.8
≥ 500	67.9	69.3	69.6	69.9	69.9	69.9	70.2	70.9	70.9	71.8	72.4	72.4	73.3	73.3	73.3	73.6
≥ 400	69.1	70.5	70.8	71.1	71.1	71.1	71.4	72.1	72.1	73.0	73.6	73.6	74.5	74.5	74.5	74.8
≥ 300	69.6	71.0	71.3	71.6	71.6	71.6	71.9	72.6	72.6	73.5	74.1	74.1	75.0	75.0	75.0	75.3
≥ 200	70.7	72.1	72.4	72.7	72.7	72.7	73.0	73.7	73.7	74.6	75.2	75.2	76.1	76.1	76.1	76.4
≥ 100	70.8	72.2	72.5	72.8	72.8	72.8	73.1	73.8	73.8	74.7	75.3	75.3	76.2	76.2	76.2	76.5
≥ 0	70.8	72.2	72.5	72.8	72.8	72.8	73.1	73.8	73.8	74.7	75.3	75.3	76.2	76.2	76.2	76.5

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING DIVISION
SAF ETAC
CIN WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NVT UNIT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.2	29.4	29.0	29.6	29.8	29.6	29.9	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.4	30.6
≥ 20000	29.0	30.1	30.1	30.1	30.2	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	31.1
IV 18000	29.9	30.4	30.4	30.4	30.5	30.5	30.6	30.7	30.8	30.9	30.9	30.9	30.9	30.9	31.1	31.4
IV 16000	29.9	30.4	30.4	30.4	30.5	30.5	30.6	30.7	30.8	30.9	30.9	30.9	30.9	30.9	31.1	31.4
IV 14000	30.1	30.5	30.5	30.5	30.6	30.6	30.6	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.2	31.5
IV 12000	31.1	31.7	31.7	31.7	31.7	31.7	32.0	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.6	32.7
IV 10000	33.7	34.5	34.5	34.5	34.5	34.6	34.9	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.5	35.8
IV 9000	35.2	35.9	35.9	35.9	36.1	36.1	36.2	36.5	36.5	36.8	36.8	36.8	36.8	36.8	37.0	37.2
IV 8000	38.3	39.0	39.0	39.0	39.1	39.1	39.3	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.0	40.3
IV 7000	42.3	43.4	43.4	43.4	43.5	43.5	43.7	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.5	44.9
IV 6000	43.6	44.7	44.7	44.7	44.9	44.9	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.9	46.2
IV 5000	45.3	46.2	46.2	46.2	46.3	46.3	46.5	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.4	47.7
IV 4500	45.6	46.5	46.5	46.5	46.6	46.6	46.8	47.1	47.1	47.5	47.5	47.5	47.5	47.5	47.7	47.9
IV 4000	46.1	47.1	47.1	47.1	47.3	47.3	47.4	47.7	47.7	50.3	50.3	50.3	50.3	50.3	50.4	50.7
IV 3500	49.3	50.3	50.3	50.3	50.4	50.4	50.7	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.8	52.1
IV 3000	51.0	52.2	52.2	52.2	52.3	52.3	52.6	52.9	52.9	53.7	53.7	53.7	53.7	53.7	53.8	54.1
IV 2500	53.7	54.8	54.8	54.8	55.1	55.1	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5	56.7	57.0
IV 2000	55.9	57.2	57.2	57.2	57.3	57.3	57.6	57.9	57.9	59.1	59.1	59.1	59.1	59.1	59.4	59.7
IV 1800	56.3	57.6	57.6	57.6	58.1	58.1	58.4	58.7	58.7	59.5	59.5	59.5	59.5	59.5	59.8	60.1
IV 1500	57.9	59.2	59.2	59.2	59.7	59.7	60.0	60.4	60.4	61.4	61.4	61.4	61.4	61.4	61.7	62.0
IV 1200	58.5	60.1	60.1	60.1	60.7	60.7	61.1	61.6	61.6	62.6	62.6	62.6	62.6	62.6	62.9	63.2
IV 1000	62.3	64.2	64.2	64.2	65.7	65.7	66.1	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.3	67.6
IV 900	62.6	64.4	64.4	64.4	65.8	65.8	66.3	66.8	66.8	67.3	67.3	67.3	67.3	67.3	67.6	67.9
IV 800	64.8	66.9	66.9	66.9	68.3	68.3	68.8	69.4	69.4	69.8	69.8	69.8	69.8	69.8	70.1	70.4
IV 700	67.0	69.6	69.6	69.6	71.1	71.1	71.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	73.2	73.5
IV 600	67.0	69.6	69.6	69.6	71.1	71.1	71.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	73.2	73.5
IV 500	67.7	71.4	71.4	71.4	72.9	72.9	73.5	74.2	74.2	74.8	74.8	74.8	74.8	74.8	75.2	75.5
IV 400	68.6	73.0	73.0	73.0	74.8	74.8	75.5	76.2	76.2	77.0	77.0	77.0	77.0	77.0	77.4	77.7
IV 300	69.3	74.5	74.5	74.5	76.0	76.0	76.7	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.4	78.7
IV 200	70.2	75.3	75.3	75.3	77.1	77.1	77.9	78.7	78.7	79.6	79.6	79.6	79.6	79.6	79.9	80.2
IV 100	70.2	75.3	75.3	75.3	77.1	77.1	77.9	78.7	78.7	79.6	79.6	79.6	79.6	79.6	79.9	80.2
IV 0	70.2	75.3	75.3	75.3	77.1	77.1	77.9	78.7	78.7	79.6	79.6	79.6	79.6	79.6	79.9	80.2

TOTAL NUMBER OF OBSERVATIONS

5.2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

1/7/01
STATION

WHEELSOUTH APT DUT APT
STATION NAME

27-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.2	29.9	30.4	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 20000	30.2	30.9	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 18000	30.5	31.2	31.7	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
IV 16000	30.0	31.4	31.6	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4
IV 14000	30.0	31.5	32.0	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.6	32.6	32.6
IV 12000	31.2	32.0	32.4	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.0	33.0	33.0
IV 10000	33.1	33.9	34.3	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0
IV 9000	34.3	35.2	35.6	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.4	36.4	36.4
IV 8000	37.3	38.3	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.3	39.3	39.3	39.4	39.4	39.4
IV 7000	41.9	42.8	43.3	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	44.0	44.0	44.0
IV 6000	43.3	44.1	44.6	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.3	45.3	45.3
IV 5000	44.9	45.7	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.9	46.9	46.9
IV 4500	45.3	46.3	46.6	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.5	47.5	47.5
IV 4000	47.2	48.1	48.5	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.3	49.3	49.3
IV 3500	48.2	49.4	49.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.6
IV 3000	52.3	53.2	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.4	54.4	54.4
IV 2500	54.7	55.7	56.2	56.3	56.9	56.9	56.9	56.9	56.9	57.0	57.2	57.2	57.2	57.3	57.3	57.3
IV 2000	57.6	59.1	59.5	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.7	60.7	60.7
IV 1800	57.6	59.2	59.7	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.7	60.7	60.9	60.9	60.9
IV 1500	60.3	62.3	62.8	62.9	63.6	63.6	63.6	63.6	63.6	63.6	64.2	64.4	64.4	64.8	64.8	64.8
IV 1200	61.9	64.1	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	66.4	66.7	66.7	67.2	67.2	67.2
IV 1000	66.0	68.6	69.2	69.3	70.5	70.5	70.5	70.5	70.5	70.7	71.7	72.0	72.0	72.4	72.4	72.4
IV 900	66.5	69.9	69.5	69.8	70.8	70.8	70.8	70.8	71.0	71.0	72.0	72.3	72.3	72.7	72.7	72.7
IV 800	78.2	71.6	72.3	72.6	73.0	73.8	73.8	73.8	73.9	73.9	74.9	75.2	75.2	75.7	75.7	75.7
IV 700	70.1	73.9	74.8	75.1	76.4	76.4	76.4	76.4	76.7	76.7	77.7	78.2	78.2	78.6	78.6	78.6
IV 600	71.3	75.5	76.4	76.7	78.3	78.3	78.3	78.3	78.6	78.6	79.9	80.4	80.4	81.4	81.4	81.4
IV 500	72.0	77.0	77.9	78.3	80.2	80.2	80.2	80.2	80.5	80.5	82.6	83.1	83.1	84.3	84.3	84.3
IV 400	72.0	77.9	78.9	79.3	81.4	81.4	81.4	81.4	81.8	81.8	82.4	82.4	82.4	83.1	83.1	83.1
IV 300	73.3	78.9	80.4	80.8	83.1	83.3	83.3	83.3	84.3	84.3	86.5	87.0	87.0	88.3	88.3	88.3
IV 200	74.3	79.8	81.4	82.1	84.0	84.8	84.8	84.8	85.3	85.3	86.1	86.9	86.9	88.3	88.3	88.3
IV 100	74.3	79.8	81.4	82.3	84.8	84.8	84.8	84.8	85.3	85.3	86.1	86.9	86.9	88.3	88.3	88.3
IV 0	74.3	79.8	81.4	82.3	84.8	84.8	84.8	84.8	85.3	85.3	86.1	86.9	86.9	88.3	88.3	88.3

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING DIVISION
SAF ETAC
AIR-WEATHER SERVICE/NO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTION 1000 FT
STATION NAME

57-66
YEARS

0-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1600
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	35.5	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	36.2	36.6	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	36.2	36.6	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	36.4	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	37.1	37.7	37.8	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.3	38.4	38.3	38.3	38.3	38.3
≥ 12000	37.2	37.8	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.4	38.4	38.4	38.4	38.4	38.4
≥ 10000	39.1	39.7	39.9	39.9	40.0	40.0	40.0	40.2	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000	39.7	40.3	40.5	40.5	40.6	40.6	40.6	40.8	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 8000	43.5	43.1	44.3	44.3	44.4	44.4	44.4	44.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9
≥ 7000	46.6	47.8	47.9	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5
≥ 6000	46.5	49.7	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4
≥ 5000	49.7	50.9	51.0	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4500	50.0	51.6	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4000	52.1	53.4	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3500	53.4	54.7	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4
≥ 3000	56.9	58.2	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.8	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2500	59.0	61.1	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2
≥ 2000	63.6	65.2	65.5	65.5	65.7	65.7	65.7	65.8	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	63.9	65.4	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.1	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1500	67.6	69.4	69.6	69.6	69.8	69.8	69.8	70.1	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1200	69.1	71.1	71.4	71.4	71.7	71.7	71.7	72.0	72.0	72.4	72.7	72.7	72.9	72.9	72.9	72.9
≥ 1000	71.0	73.5	74.8	74.8	75.2	75.2	75.5	75.8	76.0	76.7	77.1	77.1	77.4	77.7	77.7	77.7
≥ 900	72.9	75.0	75.2	75.4	75.7	75.7	75.7	76.1	76.1	76.7	77.1	77.1	77.4	77.7	77.7	77.7
≥ 800	74.0	76.7	77.2	77.4	77.9	77.9	78.2	78.5	78.5	79.2	79.6	79.6	80.4	80.9	80.9	81.7
≥ 700	74.0	78.9	79.2	79.4	80.2	80.2	80.5	80.8	80.8	81.7	82.3	82.3	82.6	82.6	83.0	83.0
≥ 600	74.4	79.5	79.8	79.9	80.8	80.8	81.1	81.5	81.5	82.7	83.4	83.4	83.7	84.0	84.2	84.2
≥ 500	75.7	80.6	80.9	81.1	82.4	82.4	83.0	83.4	83.6	84.8	85.9	85.9	86.2	86.5	86.8	86.8
≥ 400	76.1	81.4	82.0	82.1	83.9	83.9	84.5	84.9	85.0	86.4	87.7	87.8	88.3	88.6	88.9	89.0
≥ 300	77.3	82.7	83.7	83.9	85.8	85.8	86.5	87.0	87.1	89.3	90.0	91.1	91.9	92.4	93.0	93.4
≥ 200	77.7	83.3	84.3	84.5	86.4	86.4	87.1	87.8	88.0	90.5	91.9	92.2	93.5	94.1	95.7	96.6
≥ 100	77.7	83.4	84.6	84.8	86.8	86.8	87.5	88.4	88.6	91.3	92.8	93.1	94.9	95.5	97.7	99.7
≥ 0	77.7	83.4	84.6	84.8	86.8	86.8	87.5	88.4	88.6	91.3	92.8	93.1	95.0	95.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

6.2

ATA PROCESSING DIVISION
SAC, LTA
AIR CENTER DE ALBUQUERQUE

CEILING VERSUS VISIBILITY

STATION 17001 RESULTS OF ONE YEAR
STATION NAME

57-60

YEARS

01

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .25	≥ 0
NO CEILING	36.1	36.1	36.2	36.4	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8
≥ 20000	37.1	37.1	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8	37.8
IV 18000	38.1	38.1	38.3	38.4	38.5	38.5	38.5	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	39.0
IV 16000	38.1	38.1	38.3	38.4	38.5	38.5	38.5	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	39.0
IV 14000	38.9	38.9	39.0	39.1	39.3	39.3	39.4	39.4	39.4	39.6	39.6	39.6	39.7	39.7	39.7	39.7
IV 12000	39.3	39.3	39.4	39.6	39.7	39.7	39.7	39.9	39.9	40.0	40.0	40.0	40.2	40.2	40.2	40.2
IV 10000	41.3	41.3	41.5	41.6	41.6	41.6	41.9	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.2
IV 9000	42.6	42.6	42.5	42.7	42.6	42.5	42.9	42.9	42.9	43.1	43.1	43.1	43.3	43.3	43.3	43.3
IV 8000	43.9	43.9	43.8	43.9	43.8	43.8	44.0	44.0	44.0	44.2	44.2	44.2	44.4	44.4	44.4	44.4
IV 7000	44.1	44.7	44.9	45.0	45.3	45.3	45.4	45.4	45.4	45.6	45.6	45.6	45.7	45.7	45.7	45.7
IV 6000	50.1	50.7	50.9	51.0	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9
IV 5000	51.2	51.9	52.1	52.2	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	53.1	53.1	53.1	53.1
IV 4500	51.4	52.6	52.8	52.9	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8
IV 4000	53.0	54.5	54.7	54.8	55.3	55.3	55.4	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7
IV 3500	55.4	56.2	56.3	56.6	57.2	57.2	57.3	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6
IV 3000	56.9	57.7	57.8	58.1	58.7	58.7	58.9	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2
IV 2500	63.0	63.4	63.9	64.2	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2
IV 2000	65.5	66.9	67.0	67.3	67.7	67.7	68.0	68.0	68.0	68.3	68.3	68.3	68.5	68.5	68.5	68.5
IV 1800	67.7	67.0	67.3	67.6	68.2	68.2	68.3	68.3	68.3	68.6	68.6	68.6	68.8	68.8	68.8	68.8
IV 1500	68.6	69.2	69.3	69.3	71.4	71.4	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0
IV 1200	70.2	71.8	72.1	72.4	73.0	73.0	73.2	73.3	73.3	73.6	73.6	73.6	73.9	73.9	73.9	73.9
IV 1000	73.9	74.4	74.6	74.7	77.9	77.9	78.0	78.2	78.3	78.6	78.6	78.6	79.0	79.2	79.3	79.3
IV 900	74.9	77.4	77.9	78.2	79.3	79.5	79.6	79.8	79.8	80.2	80.2	80.2	80.6	80.8	80.9	81.1
IV 800	76.6	78.9	79.3	79.6	80.8	80.9	81.1	81.2	81.2	81.8	81.8	81.8	82.3	82.4	82.7	82.8
IV 700	77.4	79.9	80.4	80.6	82.0	82.1	82.3	82.4	82.4	83.0	83.0	83.0	83.4	83.6	83.9	84.0
IV 600	77.9	80.4	80.6	81.1	82.4	82.6	82.7	82.8	82.8	83.4	83.4	83.4	83.9	84.0	84.3	84.6
IV 500	78.6	81.3	82.1	82.7	84.2	84.3	84.5	84.9	85.2	85.9	86.1	86.1	86.5	86.7	87.1	87.4
IV 400	79.5	82.7	83.3	83.9	85.6	85.9	86.3	86.8	86.8	87.5	87.7	87.7	88.3	88.4	88.9	89.1
IV 300	79.9	83.8	84.3	84.9	87.1	87.4	88.3	88.8	88.8	90.2	90.5	90.5	91.5	91.6	92.2	92.8
IV 200	80.5	84.2	85.0	85.9	88.1	88.4	89.0	89.9	89.9	91.6	92.1	92.1	93.3	93.4	94.4	95.5
IV 100	80.5	84.5	85.3	86.2	89.0	89.3	90.5	90.9	90.9	92.8	93.3	93.3	94.7	94.9	96.3	99.1
IV 0	80.5	84.5	85.3	86.2	89.0	89.3	90.6	91.1	91.1	93.0	93.4	93.4	94.9	95.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

WILCOX DIVISION
SAS, ETAL
1000 FEET MILE/AC

CEILING VERSUS VISIBILITY

17901
STATION

1000 FEET MILE/AC
STATION NAME

57-66
YEARS

1000
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (L.S.T.)

FLOOR FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO. OF ≥ 20000	34.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
18000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
16000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
14000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
12000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
10000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
9000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
8000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
7000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
6000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
5000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
4000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3500	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
3000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
2500	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
2000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
1800	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
1600	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
1400	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
1200	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
900	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
800	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
700	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
600	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
400	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
300	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3
200	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8
100	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3
0	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8

TOTAL NUMBER OF OBSERVATIONS 1000

AIA PROCESSING DIVISION
 USE ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
 STATION

STATION NAME

27-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.1	33.3	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	34.3	34.5	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
WV 18000	30.1	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
WV 16000	30.1	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
WV 14000	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
WV 12000	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
WV 10000	39.4	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
WV 9000	40.6	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
WV 8000	43.0	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
WV 7000	48.4	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
WV 6000	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
WV 5000	51.3	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
WV 4500	52.6	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
WV 4000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
WV 3500	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
WV 3000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
WV 2500	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
WV 2000	62.9	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
WV 1800	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
WV 1500	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
WV 1200	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
WV 1000	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
WV 900	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
WV 800	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
WV 700	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
WV 600	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
WV 500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
WV 400	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
WV 300	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
WV 200	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
WV 100	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
WV 0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3

TOTAL NUMBER OF OBSERVATIONS

602

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/DAC

CEILING VERSUS VISIBILITY

17901
STATION

RESQUITE AIRFIELD
STATION NAME

37-60
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.0	22.6	22.7	22.7	23.0	23.0	23.3	23.5	23.5	23.8	24.0	24.0	24.2	24.7	25.1	25.1
≥ 20000	21.0	22.6	22.7	22.7	23.0	23.0	23.3	23.5	23.5	23.8	24.0	24.0	24.2	24.7	25.1	25.1
IV 18000	22.7	24.0	24.2	24.2	24.5	24.5	24.7	25.1	25.1	25.4	25.7	25.7	26.5	26.7	26.7	26.7
IV 16000	22.9	24.2	24.3	24.3	24.6	24.6	25.1	25.2	25.2	25.5	25.8	25.8	26.7	26.7	26.8	26.8
IV 14000	22.9	24.2	24.3	24.3	24.6	24.6	25.1	25.2	25.2	25.5	25.8	25.8	26.7	26.7	26.8	26.8
IV 12000	23.0	24.3	24.5	24.5	24.6	24.8	25.2	25.4	25.4	25.7	26.0	26.0	26.8	26.8	27.0	27.0
IV 10000	23.0	24.4	25.1	25.1	25.4	25.4	25.8	26.0	26.0	26.2	26.5	26.5	27.4	27.4	27.6	27.6
IV 9000	23.6	25.7	26.6	27.0	27.3	27.3	27.7	27.9	27.9	28.2	28.4	28.4	29.5	29.5	29.6	29.6
IV 8000	26.7	28.0	28.2	29.3	28.6	28.6	29.0	29.2	29.2	29.5	29.8	29.8	30.8	30.8	30.9	30.9
IV 7000	29.9	31.7	31.8	32.1	32.4	32.4	32.8	33.1	33.1	33.4	33.7	33.7	34.8	34.8	34.9	34.9
IV 6000	30.0	32.4	32.6	32.8	33.1	33.1	33.5	33.9	33.9	34.2	34.5	34.5	35.5	35.5	35.6	35.6
IV 5000	31.3	33.3	33.4	33.7	34.0	34.0	34.3	34.8	34.8	35.0	35.3	35.3	36.4	36.4	36.5	36.5
IV 4500	31.3	33.3	33.4	33.7	34.0	34.0	34.3	34.8	34.8	35.0	35.3	35.3	36.4	36.4	36.5	36.5
IV 4000	33.3	35.0	35.3	35.6	35.9	35.9	36.4	36.7	36.7	37.0	37.2	37.2	38.3	38.3	38.4	38.4
IV 3500	34.0	35.9	36.2	36.5	36.8	36.8	37.2	37.5	37.5	37.8	38.1	38.1	39.1	39.1	39.3	39.3
IV 3000	36.9	41.2	41.5	41.8	42.2	42.2	42.8	43.1	43.1	43.5	43.8	43.8	44.9	44.9	45.0	45.2
IV 2500	40.5	43.0	43.3	43.5	44.6	44.6	45.2	45.5	45.5	45.9	46.2	46.2	47.2	47.2	47.4	47.5
IV 2000	44.0	47.9	48.2	48.5	49.6	49.6	50.1	50.4	50.4	50.9	51.2	51.2	52.2	52.2	52.3	52.4
IV 1800	46.9	48.4	48.7	49.0	50.0	50.0	50.6	50.9	50.9	51.3	51.6	51.6	52.6	52.6	52.7	52.7
IV 1500	51.9	57.0	57.9	58.8	60.3	60.3	61.0	61.3	61.3	61.7	62.0	62.0	63.0	63.0	63.2	63.8
IV 1200	53.2	59.7	60.6	61.4	62.9	62.9	63.6	63.9	63.9	64.4	64.7	64.7	65.7	65.7	65.8	66.6
IV 1000	57.0	64.2	65.1	66.1	67.6	67.6	68.3	68.6	68.6	69.2	69.6	69.6	70.7	70.7	70.8	71.8
IV 900	57.0	64.2	65.1	66.1	67.6	67.6	68.3	68.6	68.6	69.2	69.6	69.6	70.7	70.7	70.8	71.8
IV 800	58.9	67.3	68.3	69.8	71.3	71.3	72.3	72.7	72.7	73.3	73.9	73.9	75.1	75.1	75.2	76.7
IV 700	58.9	67.3	68.3	69.8	71.3	71.3	72.3	72.7	72.7	73.3	73.9	73.9	75.1	75.1	75.2	76.7
IV 600	58.9	67.3	68.3	69.8	71.3	71.3	72.3	72.7	72.7	73.3	73.9	73.9	75.1	75.1	75.2	76.7
IV 500	60.7	69.5	70.7	73.0	74.9	74.9	76.1	76.7	76.8	77.4	78.3	78.3	79.6	79.6	80.1	81.4
IV 400	61.7	70.7	71.8	74.2	76.2	76.2	77.6	78.3	78.4	79.2	80.2	80.2	82.0	82.0	82.0	84.9
IV 300	62.2	71.8	73.2	75.5	78.2	78.2	79.9	80.8	80.9	82.4	83.6	83.6	85.5	85.5	86.8	89.3
IV 200	62.8	72.6	74.0	77.3	80.1	80.1	82.0	83.1	83.4	85.2	86.4	86.4	88.6	88.7	90.3	93.7
IV 100	63.3	73.2	75.2	78.0	80.8	80.8	82.7	83.9	84.2	86.4	87.5	87.5	89.9	90.0	92.8	97.9
IV 0	63.3	73.2	75.2	78.0	80.8	80.8	82.7	83.9	84.2	86.4	87.5	87.5	89.9	90.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 662

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

17901
STATION

TELETYPE UNIT DTE API
STATION NAME

27-60
YEARS

1961
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0500
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING ≥ 20000	20.2	20.8	20.8	20.8	21.1	21.1	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	22.1
IV 18000	22.0	22.6	22.6	22.7	23.0	23.0	23.2	23.2	23.2	23.5	23.5	23.5	23.9	23.9	23.9	24.5
IV 16000	22.3	22.9	22.9	23.0	23.3	23.3	23.5	23.5	23.5	23.8	23.8	23.8	24.2	24.2	24.2	24.8
IV 14000	22.4	23.0	23.0	23.2	23.5	23.5	23.6	23.6	23.6	23.9	23.9	23.9	24.3	24.3	24.3	24.9
IV 12000	23.2	23.8	23.8	23.9	24.2	24.2	24.3	24.3	24.3	24.6	24.6	24.6	25.1	25.1	25.1	25.7
IV 10000	24.3	25.2	25.2	25.5	25.8	25.8	26.0	26.0	26.0	26.2	26.2	26.2	26.6	26.6	26.6	27.4
IV 9000	26.0	26.8	26.8	27.1	27.4	27.4	27.6	27.6	27.6	27.9	27.9	27.9	28.4	28.4	28.4	29.2
IV 8000	28.0	28.9	28.9	29.2	29.5	29.5	29.6	29.6	29.6	30.1	30.1	30.1	30.6	30.6	30.6	31.4
IV 7000	31.1	32.1	32.1	32.6	33.1	33.1	33.3	33.3	33.3	33.6	33.6	33.6	34.2	34.2	34.2	34.9
IV 6000	32.0	33.0	33.1	33.6	34.2	34.2	34.3	34.3	34.3	34.6	34.6	34.6	35.2	35.2	35.2	35.9
IV 5000	33.3	34.5	34.6	35.0	35.6	35.6	35.9	35.9	35.9	36.2	36.2	36.2	36.8	36.8	36.8	37.5
IV 4500	34.0	35.2	35.3	35.8	36.5	36.5	36.7	36.7	36.7	37.0	37.0	37.0	37.5	37.5	37.5	38.3
IV 4000	35.9	37.1	37.2	37.7	38.4	38.4	38.6	38.6	38.6	38.9	38.9	38.9	39.4	39.4	39.4	40.3
IV 3500	40.4	41.5	41.6	42.1	42.8	42.8	43.7	43.7	43.7	44.0	44.0	44.0	44.4	44.4	44.4	45.9
IV 3000	42.7	44.7	44.8	45.2	46.0	46.0	46.9	46.9	47.1	47.1	47.2	47.3	47.7	47.7	47.7	49.3
IV 2500	45.3	47.8	47.8	48.4	49.3	49.3	50.6	50.6	50.9	50.9	51.0	51.5	51.6	51.6	51.6	53.2
IV 2000	45.5	48.2	48.3	49.7	51.0	51.0	51.3	51.3	51.3	51.9	51.9	52.1	52.1	52.1	52.6	53.7
IV 1800	52.3	53.9	54.2	58.2	59.7	59.7	60.0	60.0	60.1	60.7	60.7	60.9	60.9	61.4	61.4	62.9
IV 1500	54.0	57.9	58.4	60.4	62.0	62.0	62.3	62.3	62.3	63.2	63.3	63.3	63.9	63.9	64.3	65.0
IV 1200	56.4	60.8	61.4	66.9	68.9	68.9	69.2	69.2	69.4	70.1	70.2	70.2	71.0	71.0	71.0	72.1
IV 1000	58.3	63.9	64.3	67.0	69.1	69.1	69.4	69.4	69.5	70.2	70.4	70.4	71.1	71.1	71.1	72.3
IV 900	59.0	66.0	67.7	69.2	71.3	71.3	71.6	71.6	71.7	72.4	72.7	72.7	73.8	73.8	74.3	75.2
IV 800	60.4	67.2	69.1	71.0	73.0	73.0	73.3	73.3	73.6	74.3	74.6	74.6	75.8	75.8	76.4	77.1
IV 700	61.3	68.2	70.1	72.3	74.3	74.3	75.1	75.1	75.2	76.0	76.2	76.2	77.6	77.6	78.3	79.2
IV 600	62.0	69.2	71.3	73.6	75.8	75.8	76.3	76.3	76.7	77.9	78.4	78.4	79.8	79.8	81.1	82.1
IV 500	63.3	70.7	73.2	75.5	77.9	77.9	78.7	78.7	78.9	80.2	80.9	80.9	82.4	82.4	83.9	84.9
IV 400	64.2	71.8	74.8	77.6	80.3	80.3	81.8	82.1	82.4	84.0	85.2	85.2	86.8	86.8	89.0	90.6
IV 300	65.0	72.7	75.8	78.7	82.0	82.3	83.7	84.2	84.5	86.7	88.1	88.1	90.2	90.3	92.5	94.9
IV 200	65.4	73.3	76.5	79.5	82.7	83.0	84.9	85.3	85.8	88.0	89.4	89.4	92.1	92.2	94.4	97.8
IV 100	65.4	73.3	76.5	79.5	82.7	83.0	84.9	85.3	85.8	88.0	89.4	89.4	92.1	92.7	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS

602

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT APT
STATION NAME

57-66
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	10.9	17.4	17.6	17.6	17.6	17.6	17.6	17.7	17.7	18.0	18.0	18.0	18.0	18.2	18.3	18.4
≥ 20000	10.3	19.1	19.2	19.2	19.3	19.3	19.3	19.9	19.9	20.2	20.2	20.2	20.4	20.5	20.7	21.1
IV 18000	19.2	19.9	20.1	20.1	20.4	20.4	20.3	20.4	20.6	21.3	21.3	21.3	21.4	21.6	21.7	22.1
IV 16000	19.2	19.9	20.1	20.1	20.4	20.4	20.3	20.4	20.6	21.3	21.3	21.3	21.4	21.6	21.7	22.1
IV 14000	19.4	20.1	20.2	20.2	20.5	20.5	20.7	21.0	21.0	21.4	21.4	21.4	21.6	21.7	21.8	22.3
IV 12000	20.2	21.0	21.1	21.1	21.6	21.6	21.7	22.0	22.0	22.4	22.4	22.4	22.6	22.7	22.9	23.3
IV 10000	21.7	22.4	22.7	22.7	23.2	23.2	23.3	23.6	23.6	24.2	24.2	24.2	24.3	24.5	24.6	25.1
IV 9000	22.9	23.6	23.9	23.9	24.3	24.3	24.3	24.6	24.6	25.4	25.4	25.4	25.5	25.7	25.8	26.2
IV 8000	23.6	24.5	24.8	24.8	25.3	25.3	25.4	25.7	25.7	26.3	26.3	26.3	26.4	26.6	26.7	27.2
IV 7000	20.4	21.1	21.4	21.5	22.0	22.0	22.1	22.4	22.4	23.1	23.1	23.1	23.3	23.4	23.7	24.2
IV 6000	21.1	22.3	22.6	22.7	23.1	23.1	23.3	23.6	23.6	24.3	24.3	24.3	24.5	24.6	24.7	25.3
IV 5000	22.6	24.0	24.3	24.3	24.9	24.9	25.0	25.3	25.3	26.1	26.1	26.1	26.2	26.4	26.7	27.1
IV 4500	23.1	24.8	25.0	25.2	25.6	25.6	25.9	26.1	26.1	26.8	26.8	26.8	27.0	27.1	27.4	27.8
IV 4000	22.6	24.2	24.5	24.7	25.1	25.1	25.3	25.6	25.6	26.3	26.3	26.3	26.4	26.6	26.9	27.3
IV 3500	20.4	21.3	21.6	21.7	22.1	22.1	22.3	22.6	22.6	23.3	23.3	23.3	23.4	23.6	23.9	24.3
IV 3000	21.1	22.2	22.5	22.6	23.0	23.0	23.2	23.5	23.5	24.2	24.2	24.2	24.3	24.5	24.8	25.2
IV 2500	21.3	22.8	23.1	23.2	23.6	23.6	23.9	24.1	24.1	24.8	24.8	24.8	24.9	25.1	25.4	25.8
IV 2000	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 1800	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 1600	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 1400	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 1200	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 1000	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 900	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 800	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 700	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 600	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 500	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 400	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 300	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 200	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 100	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8
IV 0	22.3	23.8	24.1	24.2	24.6	24.6	24.9	25.1	25.1	25.8	25.8	25.8	25.9	26.1	26.4	26.8

TOTAL NUMBER OF OBSERVATIONS 682

DATA PROCESSING DIVISION
USAF ETAC
CINCEASTERN SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DISTANT
STATION NAME

37-66
YEARS

10
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
IV 20000	19.9	20.2	20.2	20.2	20.2	20.2	20.7	20.7	20.7	20.8	20.8	20.8	20.8	21.0	21.0	21.3
IV 18000	21.1	21.6	21.6	21.6	21.6	21.6	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.3	22.3	22.6
IV 16000	21.3	21.7	21.7	21.7	21.7	21.7	22.1	22.1	22.1	22.3	22.3	22.3	22.4	22.4	22.4	22.7
IV 14000	21.7	22.1	22.1	22.1	22.1	22.1	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.9	22.9	23.2
IV 12000	22.3	22.7	22.7	22.7	22.7	22.7	23.2	23.2	23.2	23.3	23.3	23.3	23.5	23.5	23.5	23.7
IV 10000	23.9	24.6	24.6	24.6	24.6	24.6	25.1	25.2	25.2	25.4	25.4	25.4	25.5	25.5	25.5	25.8
IV 9000	24.0	25.1	25.1	25.1	25.1	25.1	25.5	25.7	25.7	25.8	25.8	25.8	25.8	25.8	26.0	26.2
IV 8000	27.6	28.6	28.9	28.9	28.9	28.9	29.3	29.5	29.5	29.6	29.6	29.6	29.8	29.8	29.8	30.1
IV 7000	30.0	32.7	33.1	33.1	33.1	33.1	33.9	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0	34.3
IV 6000	31.2	33.3	33.7	33.7	33.7	33.7	34.2	34.3	34.3	34.5	34.5	34.5	34.6	34.6	34.6	34.9
IV 5000	34.0	36.6	37.2	37.5	37.5	37.5	38.0	38.1	38.1	38.3	38.3	38.3	38.4	38.4	38.4	38.7
IV 4500	35.0	37.8	38.3	38.6	38.6	38.6	39.0	39.1	39.1	39.3	39.3	39.3	39.4	39.4	39.4	39.7
IV 4000	37.2	39.3	39.7	40.0	40.0	40.0	40.5	40.5	40.6	40.8	40.8	40.8	40.9	40.9	40.9	41.2
IV 3500	38.3	40.3	40.8	41.1	41.1	41.1	41.6	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.5
IV 3000	40.2	42.4	42.8	43.3	43.3	43.3	44.0	44.1	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.7
IV 2500	43.4	45.9	46.3	46.8	46.8	46.8	47.5	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	48.2
IV 2000	44.9	47.8	48.3	49.0	49.1	49.1	49.9	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.7	51.0
IV 1800	45.3	48.4	49.1	49.6	49.7	49.7	50.4	50.9	50.9	51.0	51.0	51.0	51.2	51.2	51.3	51.6
IV 1500	49.4	51.2	51.0	51.4	51.4	51.4	52.0	52.0	52.0	52.3	52.3	52.3	52.5	52.5	52.5	52.7
IV 1200	52.2	56.2	56.9	57.3	58.5	58.5	59.4	59.8	59.8	60.1	60.1	60.1	60.3	60.3	60.7	61.0
IV 1000	58.4	63.0	64.1	64.8	66.1	66.1	67.3	67.7	67.7	68.5	68.5	68.5	68.6	68.6	69.1	69.5
IV 900	58.9	63.9	65.1	65.8	67.2	67.2	68.3	68.8	68.8	69.5	69.5	69.5	69.8	69.8	70.2	70.7
IV 800	61.3	67.3	68.8	69.5	71.1	71.1	72.2	72.7	72.7	73.6	73.6	73.6	73.9	73.9	74.3	74.8
IV 700	63.2	69.5	71.0	71.7	73.6	73.6	74.8	75.2	75.2	76.1	76.1	76.1	76.8	76.8	77.4	77.9
IV 600	64.5	71.6	73.0	73.9	76.0	76.0	77.4	77.9	77.9	78.7	78.9	78.9	79.8	79.8	80.6	81.2
IV 500	66.3	73.6	75.2	76.2	78.3	78.3	80.4	80.9	80.9	82.0	82.3	82.3	83.3	83.3	84.3	84.8
IV 400	67.7	75.5	77.6	78.7	81.1	81.1	83.4	84.0	84.0	85.6	86.1	86.2	87.5	87.5	88.7	89.3
IV 300	68.3	76.4	78.6	79.8	82.6	82.6	85.0	85.6	85.6	87.5	88.4	88.4	90.2	90.3	91.8	92.4
IV 200	69.2	77.6	80.1	81.2	84.5	84.5	87.4	88.3	88.3	90.3	91.9	92.1	94.6	94.7	96.0	96.1
IV 100	69.4	77.7	80.2	81.4	84.6	84.6	87.7	88.6	88.6	90.6	92.4	92.5	95.3	95.3	97.5	97.6
IV 0	69.4	77.7	80.2	81.4	84.6	84.6	87.7	88.6	88.6	90.6	92.4	92.5	95.3	95.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

607

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DWI

CEILING VERSUS VISIBILITY

17901
STATION

CEILING VERSUS VISIBILITY
STATION NAME

27-66
YEARS

200
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.3	22.3	22.3	22.4
IV 18000	24.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.5	25.5	25.5	25.7
IV 16000	24.0	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.7	25.7	25.7	25.8
IV 14000	25.1	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	26.0	26.0	26.0	26.1
IV 12000	26.1	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.1	27.1	27.1	27.3
IV 10000	27.7	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	29.0	29.0	29.2	29.2	29.2	29.5
IV 9000	27.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.6	29.6	29.9	29.9	29.9	30.4
IV 8000	29.9	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	32.3	32.3	32.4	32.4	32.4	32.8
IV 7000	32.8	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.4	34.4	34.5	34.5	34.5	34.7
IV 6000	34.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	37.8	37.8	38.0	38.1	38.1	38.4
IV 5000	36.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.2	40.2	40.3	40.3	40.3	40.8
IV 4500	38.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	41.6	41.6	41.8	41.8	41.8	42.4
IV 4000	38.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.4	42.4	42.4	43.0
IV 3500	39.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	43.1	43.1	43.3	43.3	43.3	43.8
IV 3000	41.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	45.7	45.7	45.9	45.9	45.9	46.3
IV 2500	42.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	47.8	47.8	47.8	47.8	47.8	48.3
IV 2000	45.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	51.6	51.6	51.8	51.8	51.8	52.2
IV 1800	46.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	51.6	51.6	51.8	51.8	51.8	52.3
IV 1500	51.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	59.1	59.1	59.2	59.2	59.2	60.0
IV 1200	54.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	62.0	62.0	62.3	62.3	62.3	63.2
IV 1000	58.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	69.1	69.1	69.3	69.3	69.3	70.4
IV 900	59.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	70.8	70.8	71.3	71.3	71.3	72.1
IV 800	61.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	73.5	73.5	74.0	74.0	74.0	74.9
IV 700	63.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	76.0	76.0	76.7	76.7	76.7	77.4
IV 600	65.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	78.9	78.9	79.6	79.6	79.6	81.1
IV 500	66.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	81.5	81.5	82.3	82.3	82.3	84.0
IV 400	66.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	83.3	83.3	84.2	84.2	84.2	86.4
IV 300	68.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	86.3	86.3	87.8	87.8	87.8	91.2
IV 200	69.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	88.3	88.3	89.7	89.7	89.7	93.2
IV 100	69.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	90.5	90.5	91.9	91.9	91.9	95.7
IV 0	69.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	90.5	90.5	91.9	91.9	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS

682

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DIST APT
STATION NAME

57-66
YEARS

1976
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-1700
HOURS (LST)

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.4	22.0	22.0	22.0	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4
≥ 20000	22.0	22.7	22.7	22.7	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2
IV 18000	23.3	23.8	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
IV 16000	23.3	23.8	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
IV 14000	24.4	24.5	24.5	24.5	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9
IV 12000	24.5	24.8	24.8	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2
IV 10000	27.4	27.7	27.7	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.2
IV 9000	28.3	28.6	28.6	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0
IV 8000	30.2	30.6	30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2
IV 7000	33.1	34.0	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.6	34.6
IV 6000	34.6	35.6	35.6	35.6	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2
IV 5000	36.3	37.7	37.7	37.8	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4
IV 4500	37.2	38.4	38.4	38.6	38.7	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1
IV 4000	38.7	40.0	40.0	40.2	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	40.8
IV 3500	39.1	40.6	40.6	40.9	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5
IV 3000	40.9	42.7	42.7	43.3	43.5	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
IV 2500	44.1	46.0	46.0	46.8	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.7	47.7	47.7	47.7
IV 2000	48.7	51.0	51.0	51.9	52.3	52.3	52.6	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1
IV 1800	50.0	52.3	52.3	53.2	53.8	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
IV 1500	54.3	57.8	57.8	58.7	59.2	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
IV 1200	57.6	61.6	62.0	62.3	63.0	63.3	63.8	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.2	64.2
IV 1000	61.9	66.7	67.9	68.3	68.9	69.4	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.4	70.4	70.4
IV 900	63.0	67.9	69.2	69.5	70.4	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.8	71.8	71.8
IV 800	66.7	72.0	73.8	74.3	75.1	75.7	76.4	76.5	76.5	76.5	76.5	76.5	77.0	77.3	77.4	77.4
IV 700	68.3	73.9	75.8	76.4	77.1	77.7	78.0	78.7	78.7	78.7	78.7	78.7	79.0	79.2	79.3	79.3
IV 600	69.1	74.9	77.3	78.0	79.0	79.6	80.8	81.1	81.1	81.1	81.1	81.1	81.4	81.5	81.5	81.5
IV 500	69.8	76.4	78.7	79.3	80.8	81.4	82.8	83.3	83.3	83.3	83.3	83.3	84.0	84.2	84.3	84.3
IV 400	70.6	78.4	80.9	81.8	83.3	83.9	86.2	86.8	86.8	86.8	86.8	86.8	88.0	88.1	88.4	88.4
IV 300	71.6	79.3	82.0	82.8	84.8	85.3	88.4	89.1	89.3	89.3	89.3	89.3	90.9	91.3	91.6	91.6
IV 200	71.8	79.9	82.8	83.9	86.7	87.2	90.0	91.6	91.8	91.8	91.8	91.8	93.3	93.3	93.6	93.6
IV 100	72.0	80.1	83.0	84.0	86.8	87.4	91.1	92.2	92.4	92.4	92.4	92.4	93.0	93.3	93.6	93.6
IV 0	72.0	80.1	83.0	84.0	86.8	87.4	91.1	92.2	92.4	92.4	92.4	92.4	93.0	93.3	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS 542

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE WPT OFF APT
STATION NAME

57-66
YEARS

MONTH

1000-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.0	23.0	23.8	23.7	23.0	23.8	23.0	23.8	23.8	23.8	24.1	24.1	24.2	24.2	24.4	24.5
≥ 20000	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	25.0	25.0	25.1	25.3
IV 18000	24.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.4	25.4	25.6	25.6	25.7	25.8
IV 16000	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.6	25.6	25.7	25.7	25.8	26.0
IV 14000	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	26.0	26.0	26.1	26.1	26.3	26.4
IV 12000	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.7	26.7	26.9	27.0
IV 10000	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	29.2	29.2	29.3	29.3	29.7	29.8
IV 9000	29.1	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.8	29.8	30.1	30.1	30.2	30.4
IV 8000	30.0	31.1	31.1	31.1	31.1	31.1	31.3	31.3	31.3	31.3	31.6	31.6	32.0	32.0	32.2	32.3
IV 7000	33.5	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.5	34.5	34.9	34.9	35.1	35.2
IV 6000	35.1	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	36.1	36.1	36.6	36.6	36.7	36.9
IV 5000	37.2	37.7	37.7	37.7	37.7	37.7	37.9	37.9	37.9	37.9	38.2	38.2	38.6	38.6	38.8	38.9
IV 4500	37.4	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2	38.5	38.5	38.9	38.9	39.1	39.2
IV 4000	39.3	40.2	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.7	40.7	41.1	41.1	41.3	41.4
IV 3500	40.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.3	42.3	42.7	42.7	42.9	43.0
IV 3000	44.0	45.8	45.8	45.8	45.8	45.8	46.0	46.0	46.0	46.0	46.3	46.3	46.7	46.7	46.8	47.0
IV 2500	47.7	49.0	49.0	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.6	49.6	50.1	50.1	50.2	50.4
IV 2000	53.2	55.4	55.8	55.8	55.9	55.9	56.2	56.2	56.2	56.2	56.5	56.5	57.0	57.0	57.1	57.3
IV 1800	53.5	55.7	56.1	56.1	56.2	56.2	56.5	56.5	56.5	56.5	56.8	56.8	57.3	57.3	57.4	57.6
IV 1500	55.9	58.1	58.5	58.5	58.6	58.6	58.9	58.9	58.9	58.9	59.2	59.2	59.7	59.7	59.8	60.0
IV 1200	61.2	64.5	65.2	65.2	65.3	65.3	65.7	65.7	65.7	65.7	66.1	66.1	66.7	66.7	66.8	67.0
IV 1000	67.3	71.2	72.4	72.7	74.0	74.0	74.4	74.4	74.4	74.4	74.9	74.9	75.8	75.8	75.9	76.1
IV 900	67.5	71.5	72.7	73.0	74.3	74.3	74.9	74.9	74.9	74.9	75.3	75.3	76.2	76.2	76.4	76.5
IV 800	70.2	74.7	76.1	76.4	77.7	77.7	78.3	78.3	78.3	78.3	78.7	78.7	79.7	79.7	79.9	80.2
IV 700	71.4	75.2	77.7	78.0	79.3	79.3	80.0	80.0	80.0	80.0	80.5	80.5	81.5	81.5	81.6	81.9
IV 600	72.0	77.4	78.9	79.1	80.8	80.8	81.8	81.8	81.8	81.8	82.2	82.2	83.3	83.3	83.4	83.7
IV 500	72.7	78.7	80.3	80.8	83.1	83.1	84.3	84.3	84.3	84.3	85.2	85.2	86.2	86.2	86.3	86.8
IV 400	73.7	79.9	81.5	81.9	84.4	84.4	85.9	85.9	85.9	85.9	86.2	86.2	87.2	87.2	87.3	87.4
IV 300	74.4	80.9	83.0	83.6	86.2	86.2	88.3	88.3	88.3	88.3	89.0	89.0	90.0	90.0	90.1	90.2
IV 200	74.7	81.6	83.7	84.6	87.2	87.2	89.1	89.1	89.1	89.1	90.2	90.2	91.0	91.0	91.1	91.2
IV 100	74.9	81.9	84.0	84.9	87.5	87.5	89.0	89.0	89.0	89.0	90.6	90.6	91.6	91.6	91.7	91.8
IV 0	74.9	81.9	84.0	84.9	87.5	87.5	89.0	89.0	89.0	89.0	90.6	90.6	91.6	91.6	91.7	91.8

TOTAL NUMBER OF OBSERVATIONS

501

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESPECTIVE UNIT OF MEASURE
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING	22.0	20.1	20.2	20.4	20.4	20.4	20.4	20.5	20.5	20.7	20.8	20.8	21.6	27.4	27.7	27.9
≥ 20000	20.0	20.2	20.4	20.5	20.5	20.5	20.5	20.7	20.7	20.8	21.0	21.0	21.6	27.4	27.7	28.0
≥ 18000	20.2	20.7	20.5	27.0	27.0	27.0	27.0	27.1	27.1	27.3	27.4	27.4	20.2	24.2	28.4	28.4
≥ 16000	20.4	20.8	27.0	27.1	27.1	27.1	27.1	27.3	27.3	27.4	27.4	27.4	20.3	24.3	28.6	28.6
≥ 14000	20.7	27.1	27.3	27.4	27.4	27.4	27.4	27.6	27.6	27.7	27.7	27.7	20.6	24.6	28.7	28.9
≥ 12000	21.3	27.7	27.9	28.0	28.0	28.0	28.0	28.2	28.2	28.3	28.4	28.4	29.2	29.2	29.2	29.5
≥ 10000	24.3	29.8	29.9	30.1	30.1	30.1	30.1	30.2	30.2	30.4	30.5	30.5	31.2	31.2	31.5	31.5
≥ 9000	30.5	30.9	31.1	31.2	31.2	31.2	31.2	31.4	31.4	31.5	31.7	31.7	32.4	32.4	32.7	32.7
≥ 8000	32.1	32.6	32.7	32.8	33.0	33.0	33.0	33.1	33.1	33.3	33.4	33.4	34.2	34.2	34.5	34.6
≥ 7000	34.5	35.3	35.5	35.6	35.8	35.8	35.8	35.9	35.9	36.1	36.2	36.2	37.0	37.0	37.2	37.5
≥ 6000	35.0	36.7	36.8	37.0	37.1	37.1	37.1	37.2	37.2	37.4	37.5	37.5	38.3	38.3	38.6	38.9
≥ 5000	37.0	37.8	38.0	38.1	38.3	38.3	38.3	38.5	38.5	38.9	39.0	39.0	39.7	39.7	40.0	40.5
≥ 4500	37.1	38.0	38.1	38.3	38.4	38.4	38.4	38.7	38.7	39.0	39.1	39.1	39.9	39.9	40.2	40.6
≥ 4000	38.1	39.1	39.3	39.4	39.6	39.6	39.6	39.9	39.9	40.2	40.3	40.3	41.1	41.1	41.2	41.8
≥ 3500	38.7	39.9	40.0	40.2	40.3	40.3	40.5	40.8	40.8	41.2	41.3	41.3	42.1	42.1	42.4	42.8
≥ 3000	41.0	43.1	43.4	43.7	43.8	43.8	44.1	44.4	44.4	44.9	45.0	45.0	45.7	45.7	46.0	46.5
≥ 2500	44.7	45.5	46.6	47.1	47.5	47.5	47.8	48.1	48.1	48.5	48.7	48.7	49.4	49.4	49.7	50.1
≥ 2000	49.9	52.3	52.6	53.1	53.7	53.7	54.0	54.3	54.3	54.7	54.8	54.8	55.6	55.6	55.7	56.3
≥ 1800	50.0	52.6	53.1	53.4	54.0	54.0	54.3	54.5	54.5	55.0	55.1	55.1	55.9	55.9	56.2	56.8
≥ 1500	54.5	58.1	58.4	59.4	60.4	60.4	60.7	61.0	61.0	61.4	61.6	61.6	62.3	62.3	62.6	63.0
≥ 1200	56.5	60.7	61.4	62.0	63.0	63.0	63.3	63.6	63.6	64.1	64.2	64.2	65.0	65.0	65.2	65.7
≥ 1000	62.6	67.4	68.5	69.4	70.5	70.5	71.1	71.4	71.4	71.8	72.0	72.0	72.7	72.7	73.0	73.5
≥ 900	63.5	68.2	69.2	70.1	71.3	71.3	71.8	72.1	72.1	72.6	72.7	72.7	73.5	73.5	73.8	74.2
≥ 800	64.4	69.1	70.2	71.3	72.4	72.4	73.0	73.3	73.3	73.8	74.0	74.0	74.9	74.9	75.2	75.7
≥ 700	64.5	69.5	70.8	71.8	73.0	73.0	73.6	73.9	73.9	74.3	74.6	74.6	75.7	75.7	76.0	76.4
≥ 600	65.5	70.7	72.3	73.6	74.9	74.9	75.7	76.1	76.1	76.5	76.8	77.0	77.9	77.9	78.2	78.6
≥ 500	66.3	72.3	74.0	75.8	77.1	77.1	78.3	78.7	78.7	79.5	79.8	79.9	81.1	81.1	81.4	81.8
≥ 400	67.0	73.0	75.1	77.0	78.4	78.4	79.9	80.6	80.6	81.5	81.8	82.0	83.3	83.3	83.7	84.2
≥ 300	68.2	74.9	77.1	80.1	82.1	82.1	83.7	85.0	85.0	86.4	86.8	87.0	88.9	88.9	89.0	90.5
≥ 200	68.3	75.2	77.4	80.5	82.7	82.7	84.9	86.2	86.2	88.7	89.3	89.4	91.6	91.6	91.9	94.9
≥ 100	68.3	75.2	77.4	80.5	82.8	82.8	85.0	86.4	86.4	89.6	90.5	90.6	93.3	93.3	93.4	96.5
≥ 0	68.3	75.2	77.4	80.5	82.8	82.8	85.0	86.4	86.4	89.6	90.5	90.6	93.3	93.3	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 847

AIR PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE SAF DDT API
STATION NAME

57-66
YEARS

FP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	24.4	23.6	23.4	23.4	20.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 20000	24.4	23.6	23.4	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 18000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 16000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 14000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 12000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 10000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 9000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 8000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 7000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 6000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 5000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 4500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 4000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 3500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 3000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 2500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 2000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1800	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1200	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 900	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 800	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 700	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 600	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 400	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 300	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 200	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 100	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 0	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4

TOTAL NUMBER OF OBSERVATIONS

000

ATP PROCESSING DIVISION
USAF ETAC
AIR FORCE VICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

ESTABLISHMENT NAME
STATION NAME

27-66
YEARS

1966
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	17.9	10.6	17.4	19.5	19.1	19.1	20.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000	17.4	20.6	21.4	21.5	21.0	21.1	22.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
IV 18000	17.7	20.9	21.7	21.8	22.1	22.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 16000	17.7	20.9	21.7	21.8	22.1	22.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 14000	17.7	21.1	21.7	22.0	22.3	22.3	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
IV 12000	17.7	21.1	22.0	22.1	22.4	22.4	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
IV 10000	21.2	22.7	23.0	23.8	24.1	24.1	24.7	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2
IV 9000	22.3	23.8	24.7	24.8	25.2	25.2	25.9	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2
IV 8000	25.2	27.1	28.0	28.2	28.5	28.5	29.2	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7
IV 7000	26.0	30.5	31.5	31.7	32.1	32.1	32.9	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3
IV 6000	29.3	31.1	32.1	32.3	32.9	32.9	33.9	34.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 5000	27.7	32.6	33.6	33.8	34.4	34.4	35.3	35.6	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 4500	27.0	32.7	33.8	33.9	34.5	34.5	35.2	35.8	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 4000	21.4	34.2	35.3	35.6	36.2	36.2	37.1	37.4	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 3500	24.8	34.7	35.9	36.2	36.8	36.8	37.7	38.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 3000	24.5	37.6	38.9	39.2	39.8	39.8	40.9	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 2500	28.2	41.5	42.9	43.2	43.8	43.8	44.7	45.0	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 2000	24.2	44.0	44.4	44.7	45.3	45.3	46.2	46.5	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 1800	44.5	48.2	47.7	48.0	48.7	48.7	49.6	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 1500	46.5	54.4	55.7	56.4	57.3	57.3	58.8	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 1200	54.8	58.3	60.0	60.6	61.5	61.5	62.2	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 1000	55.5	67.4	69.7	70.5	71.7	71.7	73.0	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 900	57.7	67.6	69.6	70.6	72.0	72.0	73.9	75.0	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 800	1.7	70.0	72.3	73.3	74.8	74.8	76.9	77.9	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 700	2.3	71.2	73.5	74.5	76.2	76.2	78.3	79.5	79.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 600	4.7	74.1	76.7	77.7	79.7	79.7	81.9	83.2	83.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 500	5.4	75.8	78.6	79.8	82.1	82.1	84.4	85.9	85.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 400	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 300	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 200	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 100	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 0	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4

TOTAL NUMBER OF OBSERVATIONS 667

DATA PROCESSING DIVISION
USAF ETAC
115 EAST LEXINGTON AVENUE

CEILING VERSUS VISIBILITY

STATION
17901

STATION NAME
WHEELS FLD

YEARS
97-00

MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	20.4	20.9	20.9	21.1	21.5	21.5	21.7	21.7	21.0	22.0	22.1	22.1	22.3	22.3	22.4	22.5
IV 18000	20.5	22.3	22.3	22.4	22.7	22.7	22.9	23.2	23.2	23.3	23.3	23.6	23.6	23.6	23.7	24.1
IV 16000	20.6	22.6	22.6	22.7	23.2	23.2	23.3	23.3	23.3	23.3	23.6	23.9	23.9	24.1	24.1	24.4
IV 14000	21.4	23.3	23.3	23.3	23.7	23.7	24.1	24.2	24.2	24.3	24.7	24.7	25.0	25.0	25.2	25.3
IV 12000	21.4	23.3	23.3	23.5	24.4	23.9	24.1	24.2	24.2	24.5	24.7	24.7	25.0	25.0	25.2	25.3
IV 10000	23.0	25.0	25.0	25.2	25.6	25.6	25.9	25.9	25.9	26.2	26.4	26.4	26.7	26.7	26.7	26.7
IV 9000	24.1	26.4	26.4	26.5	27.0	27.0	27.1	27.3	27.3	27.5	27.7	27.7	28.0	28.0	28.2	28.3
IV 8000	26.5	28.9	28.9	29.1	29.5	29.5	29.7	29.8	29.8	30.2	30.3	30.4	30.6	30.6	30.7	30.7
IV 7000	26.6	31.7	31.8	32.3	32.7	32.7	32.9	33.0	33.0	33.3	33.5	33.5	33.9	33.9	34.1	34.4
IV 6000	30.5	33.9	34.1	34.5	35.3	35.3	35.6	35.9	35.9	36.2	36.4	36.4	36.8	36.8	37.0	37.3
IV 5000	32.0	35.6	35.9	36.7	37.0	37.0	37.4	37.6	37.6	37.9	38.0	38.0	38.5	38.5	38.6	38.9
IV 4500	32.3	35.9	36.1	36.5	37.3	37.3	37.7	37.9	37.9	38.2	38.3	38.3	38.8	38.8	38.9	39.2
IV 4000	33.6	37.3	37.4	37.9	38.6	38.6	39.2	39.4	39.4	39.7	39.8	39.8	40.3	40.3	40.5	40.7
IV 3500	34.4	38.0	38.2	38.6	39.4	39.4	40.0	40.2	40.2	40.5	40.6	40.6	41.1	41.1	41.2	41.5
IV 3000	35.4	40.5	40.7	41.4	42.1	42.1	42.7	43.0	43.0	43.3	43.5	43.5	43.9	43.9	44.1	44.4
IV 2500	39.1	43.2	43.6	44.1	45.2	45.2	46.1	46.2	46.2	46.5	46.7	46.7	47.1	47.1	47.2	47.6
IV 2000	44.0	49.8	50.3	50.9	52.1	52.1	53.0	53.2	53.2	53.5	53.6	53.6	54.1	54.1	54.2	54.5
IV 1800	45.3	50.3	50.9	51.4	52.6	52.6	53.5	53.6	53.6	53.9	54.1	54.1	54.5	54.5	54.7	55.0
IV 1500	50.3	56.2	57.0	57.9	59.2	59.4	61.1	61.2	61.2	61.5	61.7	61.7	62.1	62.1	62.2	62.6
IV 1200	52.9	59.2	60.2	61.1	62.4	62.6	64.4	64.8	64.8	65.3	65.6	65.6	66.1	66.1	66.2	66.5
IV 1000	55.2	61.3	62.3	63.3	64.6	64.8	66.4	66.8	66.8	67.4	67.7	67.7	68.1	68.1	68.2	68.5
IV 900	57.0	63.9	64.9	65.9	67.2	67.4	69.0	69.4	69.4	70.0	70.3	70.3	70.8	70.8	70.9	71.2
IV 800	58.6	66.4	67.4	68.4	69.7	69.9	71.3	71.7	71.7	72.3	72.6	72.6	73.1	73.1	73.2	73.5
IV 700	60.3	68.9	69.9	70.9	72.2	72.4	73.8	74.2	74.2	74.8	75.1	75.1	75.6	75.6	75.7	76.0
IV 600	62.0	71.4	72.4	73.4	74.7	74.9	76.1	76.5	76.5	77.1	77.4	77.4	77.9	77.9	78.0	78.3
IV 500	63.0	73.8	74.8	75.8	77.1	77.3	78.5	78.9	78.9	79.5	79.8	79.8	80.3	80.3	80.4	80.7
IV 400	64.7	76.3	77.3	78.3	79.6	79.8	80.8	81.2	81.2	81.8	82.1	82.1	82.6	82.6	82.7	83.0
IV 300	66.5	78.9	79.9	80.9	82.2	82.4	83.4	83.8	83.8	84.4	84.7	84.7	85.2	85.2	85.3	85.6
IV 200	68.3	81.4	82.4	83.4	84.7	84.9	85.9	86.3	86.3	86.9	87.2	87.2	87.7	87.7	87.8	88.1
IV 100	69.6	83.8	84.8	85.8	87.1	87.3	88.1	88.5	88.5	89.1	89.4	89.4	89.9	89.9	90.0	90.3
IV 0	70.0	84.2	85.2	86.2	87.5	87.7	88.5	88.9	88.9	89.5	89.8	89.8	90.3	90.3	90.4	90.7

TOTAL NUMBER OF OBSERVATIONS

600

ATM. PROCESSING DIVISION
SAC ETAC
AIR WEATHER SERVICE OF

CEILING VERSUS VISIBILITY

STATION 17001 RESULTS 10/1/61 STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .3	≥ .15	≥ 0	
NO CEILING	24.5	23.5	23.6	23.6	23.6	23.9	23.7	23.9	23.9	20.2	20.2	26.2	26.2	26.2	26.2	26.2
≥ 20000	24.5	23.5	23.6	23.6	23.6	23.9	23.7	23.9	23.9	20.2	20.2	26.2	26.2	26.2	26.2	26.2
IV 18000	24.0	23.5	23.9	23.9	23.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
IV 16000	24.0	23.5	23.9	23.9	23.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
IV 14000	23.5	26.4	26.5	26.5	26.5	27.1	27.1	27.1	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4
IV 12000	23.5	26.5	26.7	26.7	26.7	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
IV 10000	26.2	27.3	27.4	27.4	27.4	27.7	28.0	28.0	28.0	28.0	28.3	28.3	28.3	28.3	28.3	28.3
IV 9000	26.4	27.4	27.6	27.6	27.6	28.0	28.2	28.2	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5
IV 8000	26.6	28.0	30.2	30.2	30.2	30.5	30.8	30.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1
IV 7000	26.6	28.0	30.2	30.2	30.2	30.5	30.8	30.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1
IV 6000	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 5000	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 4500	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 4000	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 3500	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 3000	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 2500	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 2000	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 1800	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 1500	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 1200	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 1000	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 900	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 800	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 700	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 600	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 500	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 400	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 300	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 200	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 100	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5
IV 0	26.4	28.4	34.1	34.1	34.1	34.7	35.0	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/240

CEILING VERSUS VISIBILITY

STATION 17901 STATION NAME FORT RYAN AIR FORT

37-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.8	≥ 0.6	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.2	≥ 0
NO CEILING	25.0	25.6	25.6	25.6	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000	25.0	26.7	26.7	27.0	27.3	27.3	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
IV 18000	25.4	27.0	27.0	27.3	27.6	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 16000	25.4	27.0	27.0	27.3	27.6	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 14000	25.4	27.0	27.0	27.3	27.6	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 12000	26.4	27.4	27.4	27.7	28.0	28.0	28.3	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5
IV 10000	27.4	28.8	28.8	29.1	29.4	29.4	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8
IV 9000	28.8	30.2	30.2	30.5	30.8	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
IV 8000	30.0	31.4	31.4	31.7	32.0	32.0	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 7000	31.7	33.3	33.3	33.9	34.2	34.2	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 6000	33.2	34.8	35.2	35.5	35.7	35.9	36.3	36.3	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8
IV 5000	34.4	36.5	36.8	37.1	37.6	37.6	38.0	38.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 4500	34.7	36.6	37.3	37.6	38.0	38.0	38.5	38.5	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 4000	36.2	38.5	38.9	39.2	39.8	39.8	40.3	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 3500	37.0	39.2	39.7	40.0	40.6	40.6	41.1	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 3000	38.1	42.3	42.9	43.2	43.8	43.8	44.2	44.2	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 2500	42.3	44.7	45.5	45.8	46.5	46.5	47.0	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 2000	46.7	49.7	50.3	50.6	51.3	51.3	52.3	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 1800	47.8	50.5	51.1	51.4	52.3	52.3	53.0	53.0	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 1500	48.9	50.7	51.4	51.7	52.8	52.8	53.6	53.6	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 1200	53.8	60.0	60.9	61.4	62.6	62.6	63.9	63.9	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 1000	62.0	67.6	68.9	70.0	72.0	72.0	74.1	74.1	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 900	62.4	68.3	69.7	70.8	73.3	73.3	74.6	74.6	75.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 800	63.3	71.7	73.0	74.1	77.3	77.3	79.4	79.4	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 700	66.1	73.0	74.4	75.6	79.1	79.1	81.4	81.4	81.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 600	71.7	75.2	76.5	78.0	81.5	81.5	83.9	83.9	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 500	78.3	78.1	79.4	79.1	82.7	82.7	85.6	85.6	85.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 400	80.9	77.4	78.9	80.6	84.3	84.3	87.0	87.4	87.4	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 300	79.0	79.2	81.1	82.9	86.8	86.8	89.3	90.2	90.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 200	79.0	79.2	81.1	82.9	86.8	86.8	89.3	90.2	90.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 100	79.0	79.2	81.1	82.9	86.8	86.8	89.3	90.2	90.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 0	79.0	79.2	81.1	82.9	86.8	86.8	89.3	90.2	90.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
SAFETY
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

17941
STATION

RESERVE AIRCRAFT
STATION NAME

57-66
YEARS

31
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	23.9	23.5	23.5	23.5	23.6	23.6	23.9	23.6	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 20000	24.1	23.6	23.6	23.6	23.6	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
IV 18000	24.5	26.1	26.1	26.1	26.2	26.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7
IV 16000	24.5	26.1	26.1	26.1	26.2	26.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7
IV 14000	24.5	26.1	26.1	26.1	26.2	26.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7
IV 12000	24.7	26.2	26.2	26.2	26.4	26.4	26.5	26.5	26.5	26.8	26.8	26.8	26.8	26.8	26.8	26.8
IV 10000	25.0	26.7	26.7	26.7	26.8	26.8	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3
IV 9000	25.3	27.0	27.0	27.0	27.1	27.1	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6
IV 8000	27.6	29.4	29.8	29.8	30.0	30.0	30.2	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5
IV 7000	29.5	31.7	32.1	32.1	32.4	32.4	32.7	32.7	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2
IV 6000	30.5	32.6	33.3	33.3	33.4	33.8	34.1	34.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 5000	31.2	33.5	34.4	34.4	34.7	34.7	35.0	35.0	35.0	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 4500	31.5	33.9	34.8	34.8	35.2	35.2	35.5	35.5	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 4000	32.0	34.6	35.8	35.8	36.1	36.1	36.4	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 3500	33.0	35.9	36.8	36.8	37.1	37.1	37.4	37.4	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 3000	35.5	38.9	39.8	39.8	40.2	40.2	40.5	40.5	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 2500	37.4	41.1	42.0	42.0	42.3	42.3	42.6	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 2000	42.1	46.8	48.0	48.0	48.6	48.6	48.9	48.9	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 1800	42.6	47.6	48.8	48.8	49.4	49.4	49.7	49.7	49.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 1500	49.2	54.7	56.7	56.7	57.7	57.7	58.2	58.2	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 1200	52.0	58.8	61.2	61.2	62.7	62.7	63.8	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 1000	57.3	66.6	70.2	70.2	72.6	72.6	74.1	74.1	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 900	57.9	67.6	71.1	71.1	73.5	73.5	75.0	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 800	60.2	70.3	74.1	74.1	77.0	77.0	78.8	78.8	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 700	60.5	70.8	75.0	75.0	78.5	78.5	80.3	80.3	80.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 600	63.2	74.2	78.8	78.8	82.6	82.6	84.7	84.7	84.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 500	63.6	75.6	80.2	80.2	84.4	84.4	87.0	87.0	87.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 400	65.8	77.9	82.4	82.4	86.6	86.6	89.1	89.1	89.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 300	65.5	78.8	83.2	83.2	87.6	87.6	90.9	90.9	90.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 200	65.6	78.9	83.3	83.3	88.0	88.0	91.1	91.1	91.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 100	65.6	78.9	83.3	83.3	88.0	88.0	91.1	91.1	91.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 0	65.6	78.9	83.3	83.3	88.0	88.0	91.1	91.1	91.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS

660

ALC PROCESSING DIVISION
SILVERDALE
IN PLASTER SERVICE/INC

CEILING VERSUS VISIBILITY

17901 RESOLUTE NWT DUT API
STATION

57-66
YEARS

C1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.2	37.5	38.8	39.5	40.9	40.9	42.0	42.2	42.2	43.3	43.6	43.5	43.9	44.1	44.0	44.6
≥ 20000	32.6	38.1	39.3	40.2	41.6	41.6	42.0	43.1	43.1	44.1	44.4	44.4	44.7	45.0	45.4	45.4
IV 18000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.8	45.8
IV 16000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.8	45.8
IV 14000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.8	45.8
IV 12000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.8	45.8
IV 10000	33.7	39.4	40.9	41.6	42.9	42.9	44.0	44.6	44.6	45.6	45.9	45.9	46.2	46.5	46.9	46.9
IV 9000	34.1	39.8	41.4	42.1	43.5	43.5	44.0	45.1	45.1	46.2	46.5	46.5	47.0	47.4	47.8	47.8
IV 8000	34.7	40.6	42.2	42.9	44.3	44.3	45.5	46.0	46.0	47.1	47.4	47.4	48.0	48.4	48.8	48.8
IV 7000	35.3	41.1	42.8	43.5	44.8	44.8	46.0	46.6	46.6	47.8	48.1	48.1	48.6	49.0	49.5	49.5
IV 6000	36.0	42.0	43.6	44.4	45.8	45.8	47.0	47.5	47.5	48.8	49.0	49.0	49.6	50.0	50.4	50.4
IV 5000	36.9	43.2	45.0	46.0	47.5	47.5	48.8	49.3	49.3	50.5	50.8	50.8	51.4	51.8	52.2	52.2
IV 4500	37.5	44.0	45.8	46.9	48.4	48.4	49.6	50.1	50.1	51.4	51.6	51.6	52.2	52.6	53.0	53.0
IV 4000	38.6	45.2	47.0	48.1	49.6	49.6	51.1	51.6	51.6	52.9	53.1	53.1	53.7	54.1	54.5	54.5
IV 3500	39.0	45.8	47.5	48.6	50.3	50.3	51.8	52.3	52.3	53.5	53.8	53.8	54.4	54.8	55.2	55.2
IV 3000	40.1	47.1	48.9	50.1	52.3	52.3	53.8	54.4	54.4	55.6	56.0	56.0	56.7	57.1	57.5	57.5
IV 2500	41.6	48.9	50.8	52.0	54.4	54.4	55.9	56.4	56.4	57.6	58.0	58.0	58.7	59.1	59.5	59.5
IV 2000	43.2	53.4	55.6	57.6	60.6	60.6	63.1	63.6	63.6	65.0	65.4	65.4	66.1	66.5	66.9	66.9
IV 1800	46.5	54.9	57.1	59.3	62.4	62.4	64.9	65.4	65.4	66.8	67.2	67.2	67.8	68.3	68.7	68.7
IV 1500	49.0	56.7	61.2	63.6	67.3	67.3	70.0	71.1	71.1	72.8	73.2	73.2	74.0	74.4	74.8	74.8
IV 1200	51.5	61.7	64.3	67.3	71.1	71.1	74.5	75.1	75.1	76.7	77.1	77.1	77.9	78.3	78.7	78.7
IV 1000	53.9	64.0	70.6	74.9	79.4	79.4	83.2	84.2	84.2	86.6	87.6	87.6	88.6	89.0	89.4	89.4
IV 900	56.3	64.5	71.7	75.7	80.2	80.2	84.1	85.0	85.0	87.7	88.7	88.7	89.6	90.1	90.5	90.5
IV 800	56.5	64.1	72.3	76.6	81.3	81.3	85.3	86.6	86.6	89.5	90.6	90.6	91.7	92.1	92.5	92.5
IV 700	56.5	64.3	72.6	76.8	81.6	82.2	85.6	86.9	86.9	89.8	90.9	90.9	92.2	92.6	93.1	93.1
IV 600	57.1	70.7	74.1	78.5	83.3	84.1	87.5	88.8	88.8	91.7	92.8	92.8	94.3	94.7	95.1	95.1
IV 500	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	92.5	93.6	93.6	95.5	96.0	96.7	96.7
IV 400	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	92.5	93.6	93.6	95.5	96.2	96.9	96.9
IV 300	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.6	94.6	96.9	97.4	98.1	98.1
IV 200	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.8	94.8	97.3	97.8	98.5	98.5
IV 100	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.8	94.8	97.3	97.8	98.8	98.8
IV 0	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.8	94.8	97.3	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 734

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

17501
STATION

RESOLUTE NMT DDT APT
STATION NAME

57-66
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
NO CEILING	33.0	37.2	38.1	39.1	41.0	41.0	41.0	41.4	41.6	42.4	42.9	42.9	43.3	43.5	43.9	43.9
≥ 20000	33.7	37.9	38.8	39.8	41.7	41.7	42.2	42.6	43.2	43.7	43.7	44.1	44.3	44.7	44.7	44.7
18000	33.9	38.4	39.4	40.3	42.4	42.4	43.2	43.3	43.9	44.4	44.4	44.6	45.0	45.4	45.4	45.4
16000	34.1	38.6	39.5	40.6	42.5	42.5	43.3	43.3	43.5	44.0	44.0	44.5	45.0	45.1	45.5	45.5
14000	34.3	38.8	39.8	40.9	42.8	42.8	43.6	43.7	43.7	44.3	44.8	44.8	45.2	45.4	45.8	45.8
12000	34.5	38.8	39.9	41.0	42.9	42.9	43.7	43.9	43.9	44.4	45.0	45.0	45.4	45.5	45.9	45.9
10000	34.6	39.2	40.3	41.4	43.3	43.3	44.1	44.3	44.3	44.8	45.4	45.4	45.8	45.9	46.3	46.3
9000	34.9	39.5	40.7	41.8	43.7	43.7	44.6	44.7	44.7	45.2	45.8	45.8	46.2	46.3	46.7	46.7
8000	35.2	41.3	42.6	43.9	45.8	45.8	46.6	46.7	46.7	47.3	48.0	48.0	48.4	48.5	48.9	48.9
7000	35.9	42.1	43.5	44.8	47.0	47.0	48.0	48.1	48.1	48.6	49.3	49.3	49.7	49.9	50.3	50.3
6000	37.2	42.5	44.0	45.4	47.5	47.5	48.5	48.6	48.6	49.2	49.9	49.9	50.3	50.4	50.8	50.8
5000	38.0	43.3	44.8	46.2	48.4	48.4	49.3	49.3	49.3	50.0	50.7	50.7	51.1	51.2	51.6	51.6
4500	38.8	44.1	45.6	47.0	49.2	49.2	50.1	50.3	50.3	50.8	51.5	51.5	51.9	52.0	52.5	52.5
4000	39.9	45.4	47.1	48.8	51.0	51.0	51.9	52.0	52.0	52.6	53.3	53.3	53.7	53.8	54.2	54.2
3500	40.5	46.2	48.1	49.7	51.9	51.9	52.7	53.0	53.0	53.5	54.2	54.2	54.6	54.8	55.2	55.2
3000	41.6	47.5	49.7	51.4	53.5	53.5	54.5	54.6	54.6	55.2	55.9	55.9	56.3	56.4	56.8	56.8
2500	43.1	49.5	51.0	53.3	55.4	55.4	56.4	56.7	56.7	57.2	57.9	57.9	58.3	58.4	58.9	58.9
2000	46.5	53.5	56.3	58.3	60.9	60.9	62.1	62.5	62.5	63.1	63.8	63.8	64.2	64.3	64.7	64.7
1800	46.0	53.3	56.0	60.1	62.7	62.7	63.9	64.4	64.4	65.0	65.7	65.7	66.1	66.2	66.6	66.6
1500	50.1	54.0	61.3	63.5	66.5	66.5	68.0	68.7	68.7	69.5	70.2	70.2	70.6	70.7	71.1	71.1
1200	52.7	61.7	65.4	68.0	71.1	71.1	72.9	73.6	73.6	74.4	75.1	75.1	75.5	75.6	76.2	76.2
1000	56.2	68.5	73.3	76.7	81.4	81.4	84.5	85.8	85.8	87.2	87.9	87.9	88.7	88.8	89.5	89.5
900	59.0	69.9	74.3	77.7	82.8	82.8	85.0	86.9	86.9	88.6	89.2	89.2	90.2	90.3	91.0	91.0
800	59.3	70.6	75.3	79.3	84.0	84.0	87.1	89.2	89.2	91.3	92.0	92.0	92.9	93.2	93.9	93.9
700	59.7	71.4	76.2	80.1	85.6	85.6	88.7	90.2	90.2	92.2	92.9	92.9	93.9	94.1	94.8	94.8
600	59.6	71.7	76.4	80.4	85.8	85.8	89.0	90.5	90.5	92.5	93.2	93.2	94.1	94.4	95.1	95.1
500	60.1	72.1	77.0	81.2	87.1	87.1	90.0	92.1	92.1	94.3	95.1	95.1	96.6	96.9	97.7	97.7
400	60.1	72.1	77.0	81.2	87.1	87.1	90.0	92.2	92.2	94.6	95.5	95.5	97.0	97.5	98.4	98.4
300	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.1	97.7	98.5	98.5
200	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.4	98.1	99.2	99.2
100	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.4	98.1	99.6	99.7
0	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.4	98.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

734

DATA PROCESSING DIVISION
U.S. AIR FORCE
AIR FORCE RESEARCH AND DEVELOPMENT

CEILING VERSUS VISIBILITY

1/5/61 RESOURCES UNIT, 1001 APT
STATION: STATION NAME

57-66

YEARS

61

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES):															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	7.4	50.8	32.2	33.5	34.3	34.3	34.7	35.1	35.8	36.1	36.4	36.5	37.1	37.1	37.9	37.9
IV 18000	20.5	31.3	32.7	34.1	34.9	34.9	35.3	36.0	36.0	36.6	37.1	37.2	37.9	37.9	38.7	38.7
IV 16000	27.2	32.0	33.4	34.7	35.0	35.6	36.0	36.6	36.6	37.3	37.7	37.8	38.6	38.6	39.4	39.4
IV 14000	29.3	32.3	33.7	35.0	35.6	35.6	36.2	36.9	36.9	37.6	38.0	38.1	38.8	38.8	39.6	39.6
IV 12000	27.0	32.7	34.2	35.6	36.4	36.4	36.8	37.5	37.5	38.1	38.6	38.7	39.4	39.4	40.2	40.2
IV 10000	27.7	33.1	34.7	36.1	36.9	36.9	37.5	38.0	38.0	38.7	39.1	39.2	39.9	39.9	40.7	40.7
IV 9000	29.7	33.1	34.9	36.2	37.1	37.1	37.5	38.1	38.1	38.8	39.2	39.4	40.1	40.1	40.9	40.9
IV 8000	31.1	34.9	36.9	38.1	39.0	39.0	39.5	40.2	40.2	40.9	41.3	41.4	42.1	42.1	42.9	42.9
IV 7000	32.6	35.6	38.7	40.2	41.0	41.8	42.0	43.3	43.3	44.0	44.4	44.5	45.4	45.4	46.2	46.2
IV 6000	33.6	37.7	39.8	41.4	43.1	43.1	43.9	44.6	44.6	45.2	45.6	45.8	46.6	46.6	47.4	47.4
IV 5000	34.9	39.4	41.4	43.1	44.7	44.7	45.5	46.2	46.2	46.9	47.3	47.4	48.2	48.2	49.0	49.0
IV 4500	35.6	40.1	42.1	43.7	45.4	45.4	46.2	46.9	46.9	47.5	48.0	48.1	48.9	48.9	49.9	49.9
IV 4000	36.2	40.7	42.8	44.4	46.0	46.0	46.9	47.5	47.5	48.2	48.6	48.8	49.6	49.6	50.5	50.5
IV 3500	36.9	41.7	43.7	45.3	47.1	47.1	48.0	48.6	48.6	49.3	49.7	49.9	50.7	50.7	51.6	51.6
IV 3000	37.9	42.6	45.0	46.7	48.5	48.5	49.3	50.1	50.1	50.8	51.2	51.4	52.3	52.3	53.3	53.3
IV 2500	41.0	45.0	46.2	50.1	51.9	51.9	52.9	53.7	53.7	54.5	54.9	55.0	56.0	56.0	56.9	56.9
IV 2000	44.3	51.0	53.7	56.0	58.3	58.3	59.5	60.5	60.5	61.3	61.7	61.9	62.8	62.8	63.6	63.6
IV 1800	44.7	51.6	54.4	56.7	59.0	59.0	60.2	61.3	61.3	62.1	62.5	62.7	63.6	63.6	64.6	64.6
IV 1500	46.6	57.1	60.2	62.7	65.5	65.5	67.4	68.8	68.8	69.9	70.4	70.6	71.8	71.8	72.6	72.6
IV 1200	51.0	60.1	63.9	66.6	69.8	69.8	71.8	73.2	73.2	74.4	74.9	75.1	76.4	76.4	77.4	77.4
IV 1000	53.7	63.5	70.7	74.0	78.9	79.2	81.0	83.1	83.1	85.1	85.7	85.8	87.6	87.6	88.7	88.7
IV 900	55.9	66.1	73.8	76.1	79.0	79.3	81.9	83.4	83.4	85.7	86.2	86.4	88.1	88.1	89.2	89.2
IV 800	56.5	66.9	74.9	75.5	80.4	80.7	83.5	85.3	85.3	87.9	88.6	88.7	90.5	90.5	91.6	91.6
IV 700	7.6	63.1	73.3	76.8	81.7	82.2	85.1	86.9	86.9	89.9	90.7	90.9	92.8	92.8	93.9	93.9
IV 600	7.9	66.5	73.7	77.4	82.4	82.8	85.8	87.7	87.7	90.9	91.7	91.8	94.1	94.1	95.2	95.2
IV 500	58.8	69.3	76.5	78.3	83.7	84.1	87.3	89.5	89.5	92.8	93.7	93.9	96.5	96.5	97.5	97.5
IV 400	60.6	69.5	76.7	78.5	83.8	84.2	87.6	89.8	89.8	93.3	94.4	94.6	97.1	97.1	98.4	98.4
IV 300	66.9	69.9	75.1	78.9	84.2	84.6	88.0	90.2	90.3	93.7	94.8	95.0	97.7	97.8	98.9	98.9
IV 200	68.9	70.0	75.2	79.0	84.3	84.7	88.1	90.3	90.6	93.9	95.0	95.1	98.4	98.5	99.9	99.9
IV 100	68.9	70.0	75.2	79.0	84.3	84.7	88.1	90.3	90.6	93.9	95.0	95.1	98.4	98.5	99.9	99.9
IV 0	68.9	70.0	75.2	79.0	84.3	84.7	88.1	90.3	90.6	93.9	95.0	95.1	98.4	98.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

734

DATA PROCESSING DIVISION
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE PT DPT LPT
STATION NAME

57-66
YEARS

LCI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	20.2	23.1	24.6	25.4	26.2	27.4	28.2	28.5	28.5	28.8	28.9	29.1	29.3	29.3	29.7	30.3
≥ 20000	26.3	28.5	30.2	31.1	33.0	33.2	34.1	34.3	34.3	34.6	34.9	35.0	35.3	35.3	35.0	36.4
IV 18000	26.6	29.2	31.1	31.9	33.0	34.1	35.1	35.4	35.4	35.7	36.0	36.1	36.4	36.4	36.9	37.4
IV 16000	27.1	29.4	31.3	32.2	34.1	34.3	35.0	35.8	35.8	36.1	36.4	36.5	36.8	36.8	37.3	37.9
IV 14000	28.3	30.8	32.7	33.5	35.4	35.7	36.9	37.2	37.2	37.5	37.7	37.9	38.1	38.1	38.7	39.2
IV 12000	28.6	31.1	33.0	33.8	35.7	36.0	37.3	37.6	37.6	38.0	38.3	38.4	38.7	38.7	39.2	39.9
IV 10000	29.9	31.6	33.7	34.5	36.2	36.8	38.4	38.8	38.8	39.2	39.5	39.6	39.9	39.9	40.5	41.0
IV 9000	29.2	32.0	34.2	35.0	37.1	37.3	39.0	39.4	39.4	39.8	40.1	40.2	40.5	40.5	41.0	41.6
IV 8000	30.6	33.9	36.2	37.1	39.2	39.5	41.3	41.7	41.7	42.1	42.4	42.5	42.8	42.8	43.3	44.0
IV 7000	31.7	35.0	37.3	38.1	40.7	41.0	42.3	43.7	43.7	44.1	44.6	44.7	45.1	45.2	45.8	46.5
IV 6000	32.4	35.7	38.0	39.0	41.6	41.8	44.1	44.8	44.8	45.2	45.6	45.7	46.2	46.3	46.9	47.5
IV 5000	33.0	36.4	38.7	39.6	42.2	42.3	44.8	45.3	45.3	45.9	46.3	46.5	47.0	47.1	47.7	48.4
IV 4500	33.7	37.1	39.4	40.3	42.9	43.2	45.3	46.2	46.2	46.6	47.0	47.1	47.8	48.0	48.5	49.2
IV 4000	35.0	38.6	41.0	42.0	44.6	44.8	47.1	47.8	47.8	48.4	48.8	48.9	49.6	49.7	50.3	51.0
IV 3500	35.1	39.0	41.4	42.4	45.0	45.2	47.3	48.2	48.2	48.8	49.2	49.3	50.0	50.1	50.7	51.4
IV 3000	36.0	40.6	43.1	44.1	46.7	47.0	49.3	50.1	50.1	50.7	51.1	51.2	51.9	52.0	52.6	53.3
IV 2500	36.1	42.2	44.7	45.8	48.4	49.0	51.9	52.6	52.6	53.1	53.7	53.8	54.3	54.8	55.2	55.9
IV 2000	36.3	43.6	46.0	47.3	50.3	50.3	53.4	54.1	54.1	54.8	55.3	55.4	56.2	56.3	56.9	57.5
IV 1800	36.8	47.3	49.7	51.2	54.6	55.0	58.2	59.3	59.3	60.4	61.3	61.4	62.3	62.4	62.9	63.6
IV 1500	36.6	52.7	55.7	57.2	60.9	61.3	64.6	66.3	66.3	67.2	68.1	68.3	69.2	69.3	69.9	70.6
IV 1200	37.0	54.9	58.6	60.4	64.2	64.8	68.3	70.0	70.0	70.8	71.8	72.1	73.0	73.2	73.7	74.4
IV 1000	37.5	60.1	64.2	66.5	71.9	72.3	76.6	78.7	78.9	80.9	81.9	82.2	83.1	83.2	83.9	84.6
IV 900	37.3	60.2	64.4	66.8	72.3	72.8	77.0	79.3	79.4	81.5	82.4	82.7	83.8	83.9	84.3	85.3
IV 800	37.9	62.2	67.2	69.3	75.3	75.9	80.7	83.7	83.8	85.9	86.0	86.3	87.3	87.5	87.9	88.6
IV 700	38.3	62.2	67.2	69.3	75.3	75.9	80.7	83.7	83.8	85.9	86.0	86.3	87.3	87.5	87.9	88.6
IV 600	38.3	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3
IV 500	38.4	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3
IV 400	38.4	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3
IV 300	38.4	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3
IV 200	38.4	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3
IV 100	38.4	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3
IV 0	38.4	64.6	69.1	71.3	77.9	78.3	83.9	87.2	87.3	91.4	92.0	92.2	93.1	93.4	93.9	94.3

TOTAL NUMBER OF OBSERVATIONS

734

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING SERVICE CENTER

CEILING VERSUS VISIBILITY

1/4001 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
STATION

27-66

YEARS

01

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	20.4	38.4	31.7	33.0	34.3	34.5	35.0	35.7	35.7	36.2	36.9	36.9	37.3	37.3	37.0	37.6
≥ 20000	27.4	31.3	32.7	34.1	35.7	35.8	36.9	37.1	37.1	37.6	38.3	38.3	38.8	38.8	37.1	39.2
IV 18000	28.1	32.0	33.4	34.7	35.5	36.6	37.2	38.0	38.0	38.6	39.2	39.2	39.8	39.8	40.1	40.2
IV 16000	28.1	32.0	33.4	34.7	35.5	36.6	37.2	38.0	38.0	38.6	39.2	39.2	39.8	39.8	40.1	40.2
IV 14000	28.9	33.1	34.5	35.8	37.0	37.7	38.1	39.2	39.2	40.1	40.7	40.7	41.6	41.6	42.0	42.1
IV 12000	29.2	33.3	34.9	36.2	36.0	38.1	39.0	39.2	39.8	40.6	41.3	41.3	42.1	42.1	42.5	42.6
IV 10000	30.0	34.6	35.0	37.3	39.2	39.4	40.2	41.0	41.0	41.8	42.5	42.5	43.5	43.5	43.7	44.0
IV 9000	30.2	34.9	35.2	37.9	39.8	39.9	41.4	41.6	41.6	42.4	43.1	43.1	44.0	44.0	44.4	44.6
IV 8000	31.0	35.5	35.4	40.1	42.2	42.4	44.0	44.1	44.1	45.0	45.6	45.6	46.7	46.7	47.1	47.3
IV 7000	32.7	38.1	40.2	41.8	44.1	44.3	46.0	46.2	46.2	47.1	48.1	48.1	49.0	49.0	49.5	49.6
IV 6000	33.1	38.6	40.6	42.7	44.6	44.7	46.5	46.5	46.6	47.8	48.5	48.5	49.7	49.7	50.1	50.3
IV 5000	33.9	39.6	41.7	43.3	45.6	45.8	47.5	47.7	47.7	49.0	50.0	50.0	51.0	51.0	51.4	51.5
IV 4500	34.3	40.1	42.1	43.7	46.0	46.2	48.0	48.1	48.1	49.5	50.4	50.4	51.4	51.4	51.8	51.9
IV 4000	35.0	40.9	42.9	44.5	46.9	47.0	48.9	49.0	49.0	50.4	51.4	51.4	52.3	52.3	52.7	52.9
IV 3500	35.1	41.0	43.2	44.8	47.3	47.4	49.3	49.5	49.5	50.8	51.8	51.8	52.7	52.7	53.1	53.3
IV 3000	36.1	42.4	44.0	46.2	48.6	48.9	50.8	51.1	51.2	52.6	53.5	53.5	54.5	54.5	54.9	55.0
IV 2500	37.9	44.3	46.6	48.2	51.2	51.4	53.5	54.0	54.1	55.4	56.4	56.4	57.4	57.4	57.8	57.9
IV 2000	41.4	48.9	51.4	53.3	56.7	56.8	59.7	60.2	60.4	62.4	63.5	63.5	64.4	64.4	65.4	65.5
IV 1800	41.7	49.5	52.0	54.0	57.5	57.6	60.5	61.0	61.2	63.2	64.3	64.3	65.3	65.3	66.2	66.3
IV 1500	44.0	53.3	56.7	59.1	62.9	62.9	66.2	67.0	67.2	69.5	70.6	70.7	71.8	71.8	72.9	72.9
IV 1200	46.5	58.4	62.7	62.3	66.5	66.8	70.3	71.7	71.8	74.1	75.2	75.4	76.4	76.4	77.4	77.5
IV 1000	49.9	60.0	64.4	67.7	72.3	72.9	77.1	79.3	79.4	82.3	83.4	83.5	84.7	84.9	85.6	86.1
IV 900	50.0	60.9	64.6	67.3	72.5	73.0	77.4	79.6	79.7	82.6	83.7	83.8	85.0	85.3	86.4	86.6
IV 800	51.1	62.5	66.6	69.3	74.9	75.5	80.2	82.8	83.0	86.1	87.5	87.6	89.0	89.2	90.3	90.6
IV 700	51.6	63.4	67.6	70.3	75.9	76.4	81.5	84.1	84.2	87.3	88.8	89.0	90.5	90.7	91.8	92.5
IV 600	51.9	63.6	68.0	70.7	76.4	77.0	82.0	84.7	85.0	88.3	89.8	89.9	92.0	92.6	93.7	94.4
IV 500	52.0	63.9	68.1	70.8	76.6	77.1	82.3	85.0	85.3	88.8	90.6	91.0	93.3	94.0	95.1	95.8
IV 400	52.0	64.2	68.4	71.1	77.0	77.5	82.7	85.4	85.7	89.2	91.0	91.4	94.1	94.8	95.9	96.7
IV 300	52.3	64.4	68.8	71.5	77.4	77.9	83.1	86.0	86.2	89.9	91.7	92.2	95.1	95.8	97.1	98.2
IV 200	52.3	64.4	68.9	71.8	77.6	78.3	83.5	86.5	86.8	90.5	92.4	92.9	95.8	96.6	98.2	99.5
IV 100	52.3	64.4	68.9	71.8	77.8	78.3	83.5	86.5	86.8	90.5	92.4	92.9	95.8	96.6	98.2	99.7
IV 0	52.3	64.4	68.9	71.8	77.8	78.3	83.5	86.5	86.8	90.5	92.4	92.9	95.8	96.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 754

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

17901

RESOLUTE - 1 OCT API

57-66

CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.1	21.7	32.4	33.1	34.1	34.2	34.7	34.9	34.9	36.1	36.6	36.6	36.6	36.6	37.1	37.2
≥ 22000	20.2	22.2	32.5	33.5	34.0	34.7	35.4	35.6	35.6	36.8	37.3	37.3	37.3	37.9	38.3	38.4
≥ 18000	22.0	23.1	33.0	34.6	35.7	35.8	36.5	36.6	36.6	38.0	38.6	38.6	38.6	39.1	39.5	39.6
≥ 16000	24.0	25.1	33.0	34.6	35.7	35.8	36.5	36.6	36.6	38.0	38.6	38.6	38.6	39.1	39.5	39.6
≥ 14000	20.0	20.5	33.1	36.1	37.3	37.5	38.1	38.3	38.3	39.6	40.2	40.2	40.7	40.9	41.3	41.4
≥ 12000	20.2	25.1	30.0	30.9	34.1	34.3	34.0	39.1	39.1	40.5	41.0	41.0	41.6	41.7	42.1	42.4
≥ 10000	21.3	25.2	37.1	38.0	39.2	39.4	40.5	40.6	40.7	42.1	42.6	42.6	43.2	43.3	43.7	43.8
≥ 9000	22.2	27.2	30.1	39.1	40.5	40.7	42.1	42.4	42.5	43.9	44.4	44.4	45.0	45.1	45.5	45.9
≥ 8000	23.7	28.6	39.6	41.0	42.4	42.6	44.0	44.3	44.4	45.9	46.5	46.6	47.1	47.3	47.7	48.0
≥ 7000	25.4	40.5	42.0	43.6	45.1	45.4	46.7	47.0	47.1	48.6	49.5	49.5	50.0	50.1	50.5	50.8
≥ 6000	26.2	41.8	42.9	44.7	46.2	46.5	47.8	48.1	48.2	49.9	50.7	50.7	51.2	51.4	51.8	52.0
≥ 5000	26.2	42.0	43.1	44.0	46.7	47.0	48.5	48.8	48.9	50.5	51.4	51.4	51.9	52.0	52.3	52.7
≥ 4500	26.5	42.2	43.3	45.1	47.0	47.3	48.6	49.0	49.2	50.8	51.6	51.6	52.2	52.3	52.7	53.0
≥ 4000	26.9	42.9	44.1	45.9	47.5	48.1	49.0	50.0	50.1	51.3	52.0	52.6	53.3	53.4	53.6	54.1
≥ 3500	27.5	43.5	44.7	46.5	48.4	48.6	50.1	50.5	50.7	52.3	53.1	53.1	53.8	54.0	54.4	54.6
≥ 3000	28.7	44.8	46.0	47.8	49.7	50.0	51.5	51.9	52.0	53.8	54.6	54.6	55.4	55.6	56.0	56.3
≥ 2500	29.1	47.3	48.6	50.4	52.5	52.7	54.2	54.6	54.8	56.5	57.4	57.4	58.2	58.3	58.7	59.0
≥ 2000	29.7	50.7	52.5	54.5	56.6	57.1	58.7	59.4	59.5	61.3	62.1	62.1	62.9	63.1	63.0	63.9
≥ 1800	29.7	51.5	53.3	55.3	57.8	58.0	59.7	60.4	60.5	62.3	63.1	63.1	63.9	64.0	64.6	64.9
≥ 1500	29.7	52.7	57.9	60.4	63.1	63.4	65.1	66.1	66.2	68.3	69.1	69.1	70.2	70.3	71.1	71.4
≥ 1200	29.7	59.1	61.3	64.0	67.0	67.3	69.8	71.3	71.5	73.7	74.5	74.5	75.6	75.7	76.0	76.8
≥ 1000	29.0	60.5	66.1	68.8	72.1	72.3	75.7	77.5	77.5	81.2	82.0	82.0	83.2	83.5	84.5	84.6
≥ 900	29.1	65.0	67.6	70.3	73.6	73.8	77.2	79.0	79.6	82.7	83.5	83.5	84.7	85.1	86.0	86.2
≥ 800	29.4	65.5	69.3	72.1	75.5	75.7	79.4	81.3	81.9	85.3	86.4	86.4	88.0	88.4	89.4	89.6
≥ 700	29.9	65.5	69.3	72.1	75.5	75.7	79.4	81.3	81.9	85.3	86.4	86.4	88.0	88.4	89.4	89.6
≥ 600	29.0	66.6	69.6	72.3	76.0	76.3	80.2	82.4	83.0	87.1	88.6	88.6	90.6	91.0	92.0	92.2
≥ 500	29.2	67.3	70.3	73.7	76.8	77.1	81.1	83.2	83.8	88.3	90.2	90.3	93.2	93.7	94.0	95.1
≥ 400	29.3	67.7	70.7	73.6	77.2	77.5	81.5	83.7	84.2	88.8	90.7	90.9	94.0	94.7	95.8	96.0
≥ 300	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.1	91.0	91.1	94.4	95.1	96.5	97.3
≥ 200	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.4	91.6	91.7	95.1	95.8	97.3	98.9
≥ 100	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.4	91.6	91.7	95.2	95.9	97.4	99.0
≥ 0	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.4	91.6	91.7	95.5	96.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

734

DATA PREPARED BY: [REDACTED]
 DATE: [REDACTED]
 BY: [REDACTED]

CEILING VERSUS VISIBILITY

17701 STATION NAME: [REDACTED] DATE: 27-66

27-66

01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1,000-2000
HOURS (EST.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	30.7	30.9	31.9	33.1	34.7	34.2	34.7	35.3	35.3	36.2	36.5	36.5	37.1	37.1	37.2	37.3
IV 20000	30.7	30.9	32.0	33.7	34.3	34.3	34.7	35.4	35.4	36.4	36.6	36.6	37.3	37.3	37.4	37.7
IV 18000	27.2	31.5	32.0	33.5	34.7	34.9	35.8	36.0	36.0	36.9	37.2	37.3	38.0	38.0	38.1	38.3
IV 16000	27.2	31.5	32.0	33.8	34.7	34.7	35.4	36.0	36.0	36.9	37.2	37.3	38.0	38.0	38.1	38.3
IV 14000	27.4	31.5	32.7	33.9	35.0	35.0	35.9	36.1	36.1	37.1	37.3	37.5	38.1	38.1	38.3	38.4
IV 12000	27.5	31.9	33.0	34.2	35.3	35.3	36.2	36.4	36.4	37.3	37.6	37.7	38.4	38.4	38.7	38.7
IV 10000	28.3	32.8	34.1	35.4	36.6	36.6	37.2	37.7	37.7	38.7	39.0	39.1	39.8	39.8	39.9	40.1
IV 9000	28.7	33.4	34.7	36.1	37.3	37.3	38.0	38.6	38.6	39.5	39.8	39.9	40.6	40.6	40.7	40.9
IV 8000	30.7	35.3	36.6	38.1	39.5	39.5	40.2	40.7	40.9	41.8	42.1	42.2	42.9	42.9	43.1	43.2
IV 7000	33.4	38.0	39.5	41.1	42.5	42.5	43.3	44.1	44.1	45.1	45.4	45.5	46.2	46.2	46.3	46.5
IV 6000	34.3	39.1	40.7	42.5	44.0	44.0	44.9	45.5	45.5	46.5	46.7	46.7	47.5	47.5	47.7	47.8
IV 5000	34.7	39.5	41.3	43.2	44.7	44.7	45.5	46.2	46.2	47.1	47.4	47.5	48.2	48.2	48.4	48.5
IV 4500	34.7	39.5	41.3	43.2	44.7	44.7	45.5	46.2	46.2	47.1	47.4	47.5	48.2	48.2	48.4	48.5
IV 4000	35.0	40.4	42.3	44.4	45.9	45.9	46.7	47.3	47.3	48.3	48.6	48.6	49.6	49.6	49.7	49.9
IV 3500	35.4	41.4	43.3	45.5	47.0	47.0	47.8	48.5	48.5	49.6	49.9	50.0	50.7	50.7	50.9	51.0
IV 3000	37.2	43.7	46.2	48.5	50.3	50.3	51.2	52.0	52.0	53.0	53.3	53.4	54.1	54.1	54.2	54.4
IV 2500	39.2	45.6	48.8	51.1	52.9	52.9	53.8	54.6	54.6	55.6	55.9	56.8	56.7	56.7	56.8	56.9
IV 2000	40.7	48.9	52.0	54.5	56.5	56.7	57.1	58.0	58.0	59.0	59.3	59.9	60.6	60.6	60.9	61.4
IV 1800	40.7	48.9	52.0	54.5	56.5	56.7	57.1	58.0	58.0	59.0	59.3	59.9	60.6	60.6	61.3	61.4
IV 1500	44.0	53.4	57.1	60.2	63.1	63.2	64.2	65.3	65.3	66.2	66.5	66.6	68.3	68.3	68.5	68.7
IV 1200	45.3	55.6	60.2	63.5	66.9	67.0	68.3	69.3	69.3	70.6	70.8	71.5	72.8	72.8	73.2	73.3
IV 1000	49.0	61.7	66.3	70.2	74.3	74.2	76.9	78.1	78.1	80.1	80.5	80.7	82.7	82.8	83.2	83.4
IV 900	49.0	62.3	67.0	70.8	75.3	75.0	77.8	79.0	79.0	81.1	81.5	81.6	83.7	83.9	84.3	84.5
IV 800	51.2	64.7	69.8	73.6	78.3	78.0	80.9	82.4	82.4	84.5	84.9	85.1	87.5	87.7	88.1	88.3
IV 700	51.5	65.3	70.4	74.5	79.2	79.7	81.6	83.1	83.1	85.3	85.7	86.0	88.3	88.6	89.0	89.1
IV 600	52.0	65.8	71.0	75.1	79.8	80.4	82.0	84.3	84.3	86.9	87.6	87.9	90.3	90.6	91.1	91.3
IV 500	52.7	66.8	71.9	76.0	80.9	81.5	83.7	85.8	85.8	88.3	89.1	89.4	92.6	93.1	93.0	93.7
IV 400	52.9	66.9	72.1	76.2	81.1	81.6	83.9	85.8	85.8	88.6	89.0	90.1	93.8	94.0	94.0	94.7
IV 300	53.1	67.4	72.6	76.7	81.9	82.4	84.9	86.8	86.8	89.6	91.0	91.3	95.4	95.8	97.1	97.5
IV 200	53.1	67.4	72.6	76.7	81.9	82.4	84.9	86.8	86.8	89.6	91.1	91.4	95.5	95.9	97.4	98.0
IV 100	53.1	67.4	72.6	76.8	82.0	82.6	85.0	86.9	86.9	89.8	91.3	91.6	95.8	96.2	97.7	98.2
IV 0	53.1	67.4	72.6	76.8	82.0	82.6	85.0	86.9	86.9	89.8	91.3	91.6	95.9	96.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 754

NAV PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/DAC

CEILING VERSUS VISIBILITY

STATION NAME
STATION

37-66

YEARS

CT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	34.8	33.1	34.7	35.3	36.2	36.2	37.3	37.6	37.6	39.1	39.2	39.2	39.2	39.6	39.6	39.6
≥ 20000	34.8	34.1	34.7	35.3	36.4	36.4	37.5	37.7	37.7	39.2	39.4	39.4	39.4	39.9	39.9	40.1
IV 18000	30.2	33.5	35.1	35.7	36.4	36.8	37.2	38.1	38.1	39.8	39.9	39.9	40.5	40.5	40.5	40.6
IV 16000	30.4	33.7	35.3	35.7	36.7	36.9	38.0	38.3	38.3	39.9	40.1	40.1	40.6	40.6	40.6	40.7
IV 14000	30.4	33.7	35.4	36.0	37.1	37.1	38.1	38.4	38.4	40.1	40.2	40.2	40.7	40.7	40.7	40.9
IV 12000	30.4	33.7	35.4	36.0	37.1	37.1	38.1	38.4	38.4	40.1	40.2	40.2	40.7	40.7	40.7	40.9
IV 10000	30.4	34.3	36.2	36.8	37.9	37.9	39.0	39.2	39.2	40.9	41.0	41.0	41.6	41.6	41.6	41.7
IV 9000	31.2	34.9	36.9	37.5	38.6	38.6	39.6	40.1	40.1	41.7	41.8	41.8	42.4	42.4	42.4	42.5
IV 8000	33.4	37.1	39.1	39.6	40.7	40.7	42.0	42.4	42.4	44.1	44.3	44.3	44.8	44.8	44.8	45.0
IV 7000	34.7	38.4	40.6	41.1	42.2	42.2	43.5	43.9	43.9	45.6	45.8	45.8	46.3	46.3	46.3	46.5
IV 6000	35.4	39.2	41.4	42.0	43.1	43.1	44.3	44.7	44.7	46.5	46.6	46.6	47.1	47.1	47.1	47.3
IV 5000	35.0	40.1	42.4	42.9	44.0	44.0	45.2	45.6	45.6	47.4	47.5	47.5	48.1	48.1	48.1	48.2
IV 4500	36.2	40.6	42.9	43.5	44.7	44.7	45.9	46.3	46.3	48.1	48.2	48.2	48.8	48.8	48.8	48.9
IV 4000	36.0	41.0	43.3	43.8	45.0	45.0	46.2	46.6	46.6	48.4	48.5	48.5	49.1	49.1	49.1	49.2
IV 3500	37.2	41.7	44.3	45.0	46.3	46.3	47.5	47.9	47.9	49.7	49.8	49.8	50.4	50.4	50.4	50.5
IV 3000	39.1	44.1	46.9	47.4	48.9	48.9	50.0	50.5	50.5	52.3	52.4	52.4	53.0	53.0	53.0	53.1
IV 2500	41.3	47.4	50.4	51.0	52.5	52.5	53.6	54.0	54.0	55.8	55.9	55.9	56.5	56.5	56.5	56.7
IV 2000	44.7	51.0	55.2	56.5	58.7	58.7	60.0	60.4	60.4	62.2	62.3	62.3	63.0	63.0	63.0	63.1
IV 1800	55.2	55.6	56.3	57.6	61.0	61.2	62.9	63.9	63.9	66.3	66.5	66.5	67.0	67.0	67.0	67.2
IV 1500	60.1	60.9	60.9	62.7	66.6	67.0	68.8	69.8	69.8	72.6	72.9	72.9	73.7	73.8	73.8	74.0
IV 1200	69.3	69.3	69.6	69.8	69.9	70.3	72.1	73.0	73.0	76.0	76.4	76.4	77.2	77.4	77.4	77.5
IV 1000	72.0	69.3	69.1	72.3	76.4	77.0	79.3	80.4	80.4	83.9	84.5	84.5	85.6	85.7	85.6	86.0
IV 900	73.3	69.3	70.0	73.3	77.4	77.9	80.4	81.5	81.5	85.0	85.6	85.6	86.6	86.8	86.8	87.1
IV 800	74.6	69.0	72.1	75.9	79.8	80.4	83.0	84.1	84.1	87.6	88.1	88.1	89.4	89.5	89.5	89.8
IV 700	74.6	69.3	72.6	76.2	80.5	81.1	83.7	84.7	84.7	88.4	89.0	89.0	90.6	90.7	90.6	91.0
IV 600	74.9	69.3	73.3	76.8	81.3	81.9	84.6	85.7	85.7	89.6	90.2	90.2	91.8	92.1	92.2	92.4
IV 500	75.2	69.1	74.3	78.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.6
IV 400	75.2	69.1	74.3	78.1	83.4	83.9	86.6	87.9	87.9	91.8	92.5	92.5	94.1	94.4	94.4	94.8
IV 300	75.2	69.1	74.3	78.1	83.5	84.1	86.9	88.1	88.1	92.2	93.6	93.6	95.1	95.1	95.1	95.4
IV 200	75.2	69.1	74.3	78.1	83.5	84.1	86.9	88.1	88.1	92.2	93.6	93.6	95.1	95.1	95.1	95.4
IV 100	75.2	69.1	74.3	78.1	83.5	84.1	86.9	88.1	88.1	92.2	93.6	93.6	95.1	95.1	95.1	95.4
IV 0	75.2	69.1	74.3	78.1	83.5	84.1	86.9	88.1	88.1	92.2	93.6	93.6	95.1	95.1	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS

734

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

CEILING VERSUS VISIBILITY

175-1
 STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
UNLIMITED	60.3	54.2	50.0	47.8	46.0	45.3	44.4	42.6	42.6	42.6	43.5	43.9	43.9	43.6	43.7	46.1
≥ 2000	60.3	54.2	50.0	47.8	46.0	45.3	44.4	42.6	42.6	42.6	43.5	43.9	43.9	43.6	43.7	46.1
18000	60.3	54.4	50.3	48.1	46.7	45.8	44.2	43.3	43.3	44.2	44.6	44.6	44.6	44.3	44.4	46.8
16000	60.3	54.6	50.5	48.1	46.7	45.8	44.2	43.3	43.3	44.2	44.6	44.6	44.6	44.3	44.4	46.8
14000	60.3	54.4	50.4	48.1	46.7	45.8	44.2	43.3	43.3	44.2	44.6	44.6	44.6	44.3	44.4	46.8
12000	60.3	54.4	50.4	48.1	46.7	45.8	44.2	43.3	43.3	44.2	44.6	44.6	44.6	44.3	44.4	46.8
10000	60.9	55.1	51.4	49.4	47.1	46.2	44.9	44.9	44.9	45.7	46.1	46.1	46.1	45.8	45.9	48.3
9000	60.9	55.7	51.9	49.9	47.6	46.7	45.4	45.4	45.4	46.2	46.6	46.6	46.6	46.3	46.4	48.8
8000	60.0	57.4	50.1	47.7	45.7	44.8	43.5	43.5	43.5	44.3	44.7	44.7	44.7	44.4	44.5	46.9
7000	60.1	58.1	51.3	48.9	46.9	46.0	44.7	44.7	44.7	45.5	45.9	45.9	45.9	45.6	45.7	48.1
6000	61.1	58.5	51.6	49.2	47.2	46.3	45.0	45.0	45.0	45.8	46.2	46.2	46.2	45.9	46.0	48.5
5000	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
4500	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
4000	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
3500	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
3000	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
2500	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
2000	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
1800	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
1500	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
1200	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
1000	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
900	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
800	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
700	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
600	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
500	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
400	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
300	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
200	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
100	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9
0	61.4	58.7	52.2	49.8	47.8	46.9	45.6	45.6	45.6	46.4	46.8	46.8	46.8	46.5	46.6	48.9

TOTAL NUMBER OF OBSERVATIONS

720

57-60

STATION NAME

	YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432
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MOB:

06-00-0000

VISIBILITY STATUTE MILES

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE DIVISION
 FORM 1-57
 1-100000-100000

CEILING VERSUS VISIBILITY

STATION NAME
 STATION

57-56

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .5	≥ 0
N 20000	50.1	51.0	51.8	52.4	53.1	53.9	54.6	55.3	56.0	56.8	57.5	58.2	58.9	59.6	60.3	61.0
IV 18000	50.5	52.2	53.2	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5
IV 16000	50.5	52.2	53.2	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5
IV 14000	50.7	52.4	53.4	54.1	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5
IV 12000	50.7	52.4	53.4	54.1	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5
IV 10000	50.7	52.4	53.4	54.1	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5
IV 9000	50.7	52.4	53.4	54.1	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5
IV 8000	50.8	53.0	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5	63.2
IV 7000	50.8	53.0	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5	63.2
IV 6000	50.8	53.0	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5	63.2
IV 5000	50.8	53.0	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5	63.2
IV 4500	50.8	53.0	54.0	54.8	55.5	56.2	56.9	57.6	58.3	59.0	59.7	60.4	61.1	61.8	62.5	63.2
IV 4000	51.4	53.2	54.2	55.0	55.8	56.5	57.2	57.9	58.6	59.3	60.0	60.7	61.4	62.1	62.8	63.5
IV 3500	51.9	53.7	54.7	55.5	56.3	57.0	57.7	58.4	59.1	59.8	60.5	61.2	61.9	62.6	63.3	64.0
IV 3000	52.4	54.2	55.2	56.0	56.8	57.5	58.2	58.9	59.6	60.3	61.0	61.7	62.4	63.1	63.8	64.5
IV 2500	53.0	54.8	55.8	56.6	57.4	58.1	58.8	59.5	60.2	60.9	61.6	62.3	63.0	63.7	64.4	65.1
IV 2000	53.5	55.3	56.3	57.1	57.9	58.6	59.3	60.0	60.7	61.4	62.1	62.8	63.5	64.2	64.9	65.6
IV 1800	53.8	55.6	56.6	57.4	58.2	58.9	59.6	60.3	61.0	61.7	62.4	63.1	63.8	64.5	65.2	65.9
IV 1500	54.1	55.9	56.9	57.7	58.5	59.2	59.9	60.6	61.3	62.0	62.7	63.4	64.1	64.8	65.5	66.2
IV 1200	54.4	56.2	57.2	58.0	58.8	59.5	60.2	60.9	61.6	62.3	63.0	63.7	64.4	65.1	65.8	66.5
IV 1000	54.7	56.5	57.5	58.3	59.1	59.8	60.5	61.2	61.9	62.6	63.3	64.0	64.7	65.4	66.1	66.8
IV 900	55.0	56.8	57.8	58.6	59.4	60.1	60.8	61.5	62.2	62.9	63.6	64.3	65.0	65.7	66.4	67.1
IV 800	55.3	57.1	58.1	58.9	59.7	60.4	61.1	61.8	62.5	63.2	63.9	64.6	65.3	66.0	66.7	67.4
IV 700	55.6	57.4	58.4	59.2	60.0	60.7	61.4	62.1	62.8	63.5	64.2	64.9	65.6	66.3	67.0	67.7
IV 600	55.9	57.7	58.7	59.5	60.3	61.0	61.7	62.4	63.1	63.8	64.5	65.2	65.9	66.6	67.3	68.0
IV 500	56.2	58.0	59.0	59.8	60.6	61.3	62.0	62.7	63.4	64.1	64.8	65.5	66.2	66.9	67.6	68.3
IV 400	56.5	58.3	59.3	60.1	60.9	61.6	62.3	63.0	63.7	64.4	65.1	65.8	66.5	67.2	67.9	68.6
IV 300	56.8	58.6	59.6	60.4	61.2	61.9	62.6	63.3	64.0	64.7	65.4	66.1	66.8	67.5	68.2	68.9
IV 200	57.1	58.9	59.9	60.7	61.5	62.2	62.9	63.6	64.3	65.0	65.7	66.4	67.1	67.8	68.5	69.2
IV 100	57.4	59.2	60.2	61.0	61.8	62.5	63.2	63.9	64.6	65.3	66.0	66.7	67.4	68.1	68.8	69.5
IV 0	57.7	59.5	60.5	61.3	62.1	62.8	63.5	64.2	64.9	65.6	66.3	67.0	67.7	68.4	69.1	69.8

TOTAL NUMBER OF OBSERVATIONS

720

WFO PROCESSING DIVISION
SAR ETAL
AIR WEATHER SERVICE/400

CEILING VERSUS VISIBILITY

17901
STATION

RESOURCES UNIT DEPT
STATION NAME

57-65
YEARS

1970
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	43.3	50.3	51.3	54.7	50.1	56.3	57.4	57.8	57.0	58.3	56.8	58.4	58.4	58.4	60.0	60.0
IV 20000	44.2	50.3	52.4	55.4	50.6	55.9	58.1	58.6	58.6	59.2	59.6	59.4	60.0	60.0	61.1	61.1
IV 18000	44.9	51.0	53.3	56.4	57.5	57.9	59.0	59.5	59.6	60.1	60.6	60.6	61.3	61.3	62.1	62.1
IV 16000	44.9	51.0	53.3	56.5	57.4	58.1	59.2	59.7	59.7	60.3	60.7	60.7	61.7	61.7	62.4	62.4
IV 14000	45.3	52.7	53.8	56.7	58.3	58.5	59.8	60.1	60.1	60.7	61.1	61.1	62.1	62.1	62.9	62.9
IV 12000	45.3	52.2	53.3	56.9	58.3	58.5	59.8	60.1	60.1	60.7	61.1	61.1	62.1	62.1	62.9	62.9
IV 10000	45.0	52.0	54.4	57.0	59.0	59.2	60.4	61.0	61.0	61.8	62.2	62.2	63.2	63.2	63.9	63.9
IV 9000	45.0	53.2	54.7	57.7	59.2	59.4	60.7	61.3	61.3	62.1	62.5	62.5	63.9	63.9	64.2	64.2
IV 8000	48.0	54.2	55.0	59.3	60.0	61.1	62.2	63.4	63.6	64.7	65.1	65.1	66.3	66.3	66.3	66.3
IV 7000	48.1	56.3	58.1	61.7	63.2	63.5	65.2	66.0	66.0	67.6	68.1	68.1	69.3	69.3	70.1	70.1
IV 6000	48.2	58.8	58.6	62.2	63.3	64.5	65.8	66.5	66.5	68.2	68.6	68.6	69.9	69.9	70.1	70.1
IV 5000	48.7	57.8	59.7	63.3	64.9	65.1	66.7	67.6	67.6	69.4	69.9	69.9	71.1	71.1	71.4	71.4
IV 4500	48.9	57.8	59.7	63.3	64.9	65.1	66.7	67.6	67.6	69.4	69.9	69.9	71.1	71.1	71.4	71.4
IV 4000	49.4	58.3	60.3	63.9	65.6	65.8	67.0	68.3	68.3	70.1	70.6	70.6	71.8	71.8	72.1	72.1
IV 3500	50.1	59.0	61.0	64.6	66.3	66.5	68.3	69.0	69.0	70.9	71.3	71.3	72.5	72.5	73.3	73.3
IV 3000	51.3	60.7	62.0	66.3	68.2	68.5	70.3	71.0	71.0	73.3	73.8	73.8	75.0	75.0	75.3	75.3
IV 2500	52.5	62.4	65.6	68.3	70.7	71.0	72.7	73.8	73.8	76.1	76.5	76.5	77.8	77.8	78.3	78.3
IV 2000	53.9	64.9	67.2	71.4	74.0	74.3	76.7	77.4	77.4	80.0	80.6	80.6	81.8	81.8	82.9	82.9
IV 1800	54.2	65.1	67.5	71.7	74.3	74.6	77.1	77.8	77.8	80.4	81.0	81.0	82.2	82.2	83.1	83.1
IV 1500	55.7	67.5	71.0	73.6	76.3	76.6	81.3	82.1	82.1	84.9	85.4	85.4	86.8	86.8	87.1	87.1
IV 1200	56.0	68.5	71.5	76.3	79.2	79.4	82.1	82.7	82.7	85.7	86.3	86.3	87.6	87.6	88.8	88.8
IV 1000	57.0	71.0	74.4	79.6	83.0	84.2	87.4	88.2	88.2	91.7	92.2	92.2	94.3	94.3	95.4	95.4
IV 900	57.8	71.4	74.9	80.0	84.0	84.6	87.9	88.8	88.8	92.2	92.9	92.9	95.0	95.0	96.1	96.1
IV 800	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 700	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 600	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 500	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 400	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 300	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 200	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 100	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2
IV 0	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 720

DATA PROCESSED BY
USAF ETAC
IN EASTERN HEMISPHERE

CEILING VERSUS VISIBILITY

STATION: 17901 RESOLUTION: 1000 FT
STATION NAME:

57-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .125	≥ .0625	≥ 0
NO. CEILING ≥ 20000	51.4	47.1	51.1	54.7	55.0	57.3	57.4	57.5	57.5	57.5	59.0	59.7	59.7	60.1	60.1	60.1
IVV 18000	51.4	47.1	51.1	54.7	55.0	57.3	57.4	57.5	57.5	57.5	59.0	59.7	59.7	60.1	60.1	60.1
IVV 16000	51.4	47.1	51.1	54.7	55.0	57.3	57.4	57.5	57.5	57.5	59.0	59.7	59.7	60.1	60.1	60.1
IVV 14000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 12000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 10000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 9000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 8000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 7000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 6000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 5000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 4500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 4000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 3500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 3000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 2500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 2000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 1800	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 1500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 1200	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 1000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 900	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 800	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 700	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 600	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 400	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 300	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 200	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 100	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4
IVV 0	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.4

TOTAL NUMBER OF OBSERVATIONS

720

U.S. AIR FORCE
 1954 ETAC
 10-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION NAME
 STATION

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	55.0	55.4	55.3	55.4	61.3	61.4	63.1	63.7	63.5	64.0	64.3	64.4	64.7	64.7	65.0	65.0
IV 20000	55.0	55.4	55.3	55.4	61.3	61.4	63.1	63.7	63.5	64.0	64.3	64.4	64.7	64.7	65.0	65.0
IV 18000	55.4	55.5	55.4	55.6	62.1	62.3	64.2	64.6	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	55.4	55.5	55.4	55.6	62.1	62.3	64.2	64.6	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 12000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 10000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 9000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 8000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 7000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 6000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 5000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 4500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 4000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 3500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 3000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 2500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 2000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 1800	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 1500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 1200	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 1000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 900	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 800	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 700	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 600	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 400	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 300	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 200	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 100	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4
IV 0	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4

TOTAL NUMBER OF OBSERVATIONS

720

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17701
 STATION

RESULTS OF 1 DAY APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.2	34.7	30.7	28.1	60.8	61.1	62.9	63.1	63.1	64.2	64.6	64.6	66.3	66.3	66.3	66.3
IV 18000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 16000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 14000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 12000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 10000	53.0	35.8	38.2	33.4	62.2	62.5	64.2	64.4	64.4	65.7	66.1	66.1	67.8	67.8	68.1	68.1
IV 9000	43.0	30.0	35.3	32.6	62.4	62.0	64.3	64.6	64.6	66.0	66.3	66.3	68.2	68.2	68.5	68.5
IV 8000	45.0	35.3	60.7	61.3	64.7	65.3	66.9	67.1	67.1	68.5	69.0	69.0	70.7	70.7	71.0	71.0
IV 7000	47.1	39.6	62.2	63.5	66.6	67.1	69.2	69.6	69.6	71.3	71.8	71.8	73.5	73.5	73.8	73.8
IV 6000	47.1	39.6	62.2	63.5	66.6	67.1	69.2	69.6	69.6	71.3	71.8	71.8	73.5	73.5	73.8	73.8
IV 5000	47.4	40.0	63.3	64.6	67.9	68.2	70.3	70.7	70.7	72.5	73.1	73.1	75.0	75.0	75.3	75.3
IV 4500	47.4	40.0	63.3	64.6	67.9	68.2	70.3	70.7	70.7	72.5	73.1	73.1	75.0	75.0	75.3	75.3
IV 4000	47.0	41.4	64.3	65.6	69.0	69.3	71.9	71.8	71.8	73.6	74.2	74.2	76.1	76.1	76.4	76.4
IV 3500	47.9	41.8	64.9	66.1	69.0	69.9	71.9	72.4	72.4	74.2	74.7	74.7	76.7	76.7	76.9	76.9
IV 3000	49.0	43.9	66.9	68.3	72.2	72.6	74.7	75.1	75.1	76.9	77.5	77.5	79.6	79.6	79.9	79.9
IV 2500	49.7	43.4	68.0	70.4	74.2	74.6	76.8	77.2	77.2	79.0	79.8	79.8	81.7	81.7	81.9	81.9
IV 2000	51.1	43.5	71.9	73.9	77.9	78.3	80.0	81.0	81.0	82.8	83.3	83.3	85.6	85.6	85.8	85.8
IV 1800	51.5	49.0	72.3	74.4	78.3	79.0	81.3	81.7	81.7	83.3	84.0	84.0	86.2	86.3	86.3	86.3
IV 1500	52.9	71.3	75.1	77.2	81.3	81.8	84.7	85.1	85.1	86.9	87.5	87.5	89.7	89.7	90.0	90.0
IV 1200	53.3	72.4	76.4	78.3	82.3	83.2	86.1	86.3	86.3	88.3	88.9	88.9	91.1	91.1	91.4	91.4
IV 1000	50.0	76.0	80.0	82.4	80.7	87.4	90.4	91.0	91.1	92.9	93.5	93.5	95.7	95.7	96.0	96.0
IV 900	50.1	76.3	80.3	82.6	80.9	87.6	90.7	91.3	91.4	93.2	93.8	93.8	96.0	96.0	96.3	96.3
IV 800	50.4	76.9	81.0	83.3	87.8	88.5	91.5	92.1	92.2	94.0	94.6	94.6	96.8	96.8	97.1	97.1
IV 700	50.4	76.9	81.0	83.3	87.9	88.6	91.6	92.4	92.5	94.3	94.9	94.9	97.1	97.1	97.4	97.4
IV 600	50.4	76.9	81.0	83.3	87.9	88.6	91.6	92.4	92.5	94.3	94.9	94.9	97.1	97.1	97.4	97.4
IV 500	50.4	76.9	81.0	83.3	88.1	88.8	91.9	92.8	92.9	94.7	95.3	95.3	97.5	97.5	97.8	97.8
IV 400	50.4	77.1	81.1	83.8	88.2	88.9	92.1	92.9	93.1	94.9	95.4	95.4	97.6	97.6	97.9	97.9
IV 300	50.4	77.1	81.1	83.8	88.2	88.9	92.1	92.9	93.1	94.9	95.4	95.4	97.6	97.6	97.9	97.9
IV 200	50.4	77.2	81.3	83.9	88.3	89.0	92.2	93.1	93.2	95.1	95.7	95.7	97.9	97.9	98.3	98.3
IV 100	50.4	77.2	81.3	83.9	88.3	89.0	92.2	93.1	93.2	95.1	95.7	95.7	97.9	97.9	98.3	98.3
IV 0	50.4	77.2	81.3	83.9	88.3	89.0	92.2	93.1	93.2	95.1	95.7	95.7	97.9	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

720

U.S. AIR FORCE DIVISION
 100-1 ETAC
 100-1 ETAC 100-1 ETAC

CEILING VERSUS VISIBILITY

17701 100-1 ETAC 100-1 ETAC
 STATION STATION NAME

57-06

YEARS

100-1
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
≥ 25000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 18000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 16000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 14000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 12000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 10000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 9000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 8000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 7000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 6000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 5000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 4500	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 4000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 3500	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 3000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 2500	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 2000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 1800	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 1500	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 1200	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 1000	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 900	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 800	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 700	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 600	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 500	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 400	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 300	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 200	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 100	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3
IV 0	58.8	58.7	59.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	68.3	68.3	69.9	69.9	70.3	70.3

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM JUL 44 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

STATION 1 RESULTE APT DUT APT 57-60 JFC
 MONTH
 HOURS (LST) 0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.5	59.7	61.7	63.2	64.5	65.2	66.9	67.6	67.7	69.0	69.9	69.9	71.1	71.5	72.0	72.4
≥ 20000	59.5	59.8	61.8	63.3	64.7	65.2	67.1	67.7	67.9	69.1	70.0	70.0	71.2	71.6	72.0	72.4
IV 18000	59.5	59.8	62.1	63.6	65.1	65.7	67.5	68.1	68.3	69.5	70.4	70.4	71.6	72.0	72.0	72.4
IV 16000	59.6	59.9	62.2	63.7	65.2	65.9	67.9	68.3	68.4	69.6	70.6	70.6	71.8	72.2	72.7	73.0
IV 14000	59.6	60.2	62.5	64.0	65.5	66.1	67.9	68.5	68.7	69.9	70.8	70.8	72.0	72.4	73.0	73.3
IV 12000	59.6	60.2	62.5	64.0	65.5	66.1	67.9	68.5	68.7	69.9	70.8	70.8	72.0	72.4	73.0	73.3
IV 10000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 9000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 8000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 7000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 6000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 5000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 4500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 4000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 3500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 3000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 2500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 2000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1800	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1200	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 900	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 800	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 700	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 600	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 400	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 300	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 200	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 100	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 0	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE, IAC

CEILING VERSUS VISIBILITY

17901
 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
 STATION NAME

27-60
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0200
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.3	27.7	59.6	61.6	62.6	63.0	65.1	65.9	65.9	67.0	68.0	68.2	68.9	69.4	70.6	70.9
≥ 20000	28.3	27.9	59.6	61.6	62.7	63.1	65.3	66.1	66.1	67.2	68.1	68.4	69.0	69.6	70.7	71.1
IV 18000	28.3	27.9	59.8	61.8	62.7	63.1	65.3	66.1	66.1	67.2	68.1	68.4	69.0	69.6	70.7	71.1
IV 16000	28.3	27.9	59.8	61.8	62.7	63.1	65.3	66.1	66.1	67.2	68.1	68.4	69.0	69.6	70.7	71.1
IV 14000	28.6	28.0	59.9	61.9	62.8	63.3	65.4	66.2	66.2	67.3	68.2	68.5	69.2	69.7	71.1	71.2
IV 12000	28.6	28.0	59.9	61.9	62.8	63.3	65.4	66.2	66.2	67.3	68.2	68.5	69.2	69.7	71.1	71.2
IV 10000	29.0	28.4	60.6	62.6	63.5	63.9	66.1	66.9	66.9	68.0	68.9	69.2	69.9	70.4	71.7	71.9
IV 9000	29.2	28.7	60.8	62.9	63.9	64.3	66.5	67.3	67.3	68.4	69.3	69.6	70.3	70.8	72.1	72.3
IV 8000	30.1	29.6	61.0	63.2	64.9	65.3	67.4	68.2	68.2	69.3	70.3	70.5	71.2	71.7	73.1	73.2
IV 7000	30.3	30.3	62.3	65.1	66.5	66.9	69.0	70.0	70.0	71.1	72.3	72.4	73.2	73.8	75.1	75.2
IV 6000	30.9	30.7	63.3	65.7	67.3	67.7	69.7	70.8	70.8	71.9	73.1	73.4	74.0	74.8	75.9	76.0
IV 5000	31.1	31.1	63.8	66.2	68.0	68.4	70.5	71.7	71.7	72.8	74.0	74.3	75.0	75.7	76.9	77.0
IV 4500	31.1	31.1	63.8	66.2	68.0	68.4	70.5	71.7	71.7	72.8	74.0	74.3	75.0	75.7	76.9	77.0
IV 4000	31.1	31.2	64.1	66.9	68.2	68.6	71.1	72.0	72.0	73.2	74.4	74.7	75.4	75.9	77.3	77.4
IV 3500	31.1	31.2	64.3	67.2	68.9	69.3	71.7	72.7	72.7	73.9	75.1	75.4	76.0	76.6	77.9	78.1
IV 3000	32.0	32.5	66.2	68.9	70.7	71.1	73.5	74.6	74.6	75.8	77.0	77.3	77.9	78.5	79.6	79.9
IV 2500	32.3	34.3	68.0	70.8	72.8	73.2	75.8	77.0	77.0	78.2	79.4	79.7	80.3	80.9	82.2	82.4
IV 2000	34.3	36.5	70.3	73.4	75.3	75.9	78.3	79.7	79.7	81.2	82.6	82.9	83.7	84.4	85.7	85.9
IV 1800	34.3	36.6	70.7	73.9	76.2	76.7	79.3	80.3	80.3	82.0	83.4	83.7	84.5	85.2	86.5	86.7
IV 1500	35.3	38.6	72.9	76.4	78.9	79.3	82.4	83.7	83.7	85.3	86.9	87.2	88.3	89.0	90.4	90.8
IV 1200	36.0	39.9	74.2	77.9	80.3	81.0	83.8	85.2	85.2	86.9	88.4	88.7	89.8	90.4	92.3	92.7
IV 1000	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.7	92.1	92.7	94.6	95.0
IV 900	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.0	95.0	95.4
IV 800	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 700	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 600	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 500	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 400	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 300	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 200	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 100	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8
IV 0	36.7	40.7	75.4	79.3	82.0	82.8	85.9	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.4	96.8

TOTAL NUMBER OF OBSERVATIONS

743

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17501 RESOLUTE AIRCRAFT

57-66

DFO

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .58	≥ .4	≥ .36	≥ .3	≥ 0
NO CEILING	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 20000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 18000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 16000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 14000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 12000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 10000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 9000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 8000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 7000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 6000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 5000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 4500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 4000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 3500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 3000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 2500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 2000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1800	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1200	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 900	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 800	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 700	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 600	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 400	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 300	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 200	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 100	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 0	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSOR DIVISION
USAF ETAC
ATTN: EATER SERVICE/40

CEILING VERSUS VISIBILITY

STATION 17001 STATION NAME 10000 FT

57-06

FC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING	51.2	51.1	59.2	60.6	62.5	62.7	63.2	66.4	66.4	67.3	68.1	68.1	69.0	69.1	69.4	69.4
≥ 20000	51.2	51.1	59.2	60.6	62.5	62.7	63.2	66.4	66.4	67.3	68.1	68.1	69.0	69.1	69.4	69.4
18000	51.7	51.7	60.2	61.3	63.4	63.6	66.2	67.1	67.1	68.0	68.8	68.8	69.6	69.8	69.9	70.0
16000	51.7	51.7	60.2	61.3	63.4	63.6	66.2	67.1	67.1	68.0	68.8	68.8	69.6	69.8	69.9	70.0
14000	51.7	51.7	60.2	61.3	63.4	63.6	66.2	67.1	67.1	68.0	68.8	68.8	69.6	69.8	69.9	70.0
12000	51.7	51.7	60.2	61.3	63.4	63.6	66.2	67.1	67.1	68.0	68.8	68.8	69.6	69.8	69.9	70.0
10000	52.8	52.8	62.4	63.6	66.4	66.5	69.3	70.0	70.0	71.0	71.8	71.8	72.6	72.7	72.9	73.0
9000	52.8	52.8	62.4	63.6	66.4	66.5	69.3	70.0	70.0	71.0	71.8	71.8	72.6	72.7	72.9	73.0
8000	53.0	53.0	63.4	65.3	68.0	68.1	71.1	71.8	71.8	72.6	73.4	73.4	74.2	74.3	74.6	74.7
7000	54.0	54.0	65.2	67.9	70.4	70.6	73.3	74.2	74.2	75.3	76.1	76.1	76.9	77.0	77.3	77.4
6000	54.2	54.2	65.5	68.1	71.0	71.1	74.1	74.7	74.7	75.9	76.5	76.5	77.4	77.4	77.8	78.1
5000	54.7	54.7	66.0	68.7	71.5	71.5	74.7	75.4	75.4	76.5	77.3	77.3	78.2	78.4	78.6	78.9
4500	54.7	54.7	66.0	68.7	71.5	71.5	74.7	75.4	75.4	76.5	77.3	77.3	78.2	78.4	78.6	78.9
4000	55.0	55.0	66.3	69.2	72.2	72.3	75.4	76.1	76.1	77.2	78.0	78.0	78.9	79.0	79.3	79.4
3500	55.4	55.4	66.6	69.9	72.8	73.0	76.1	76.7	76.7	78.0	78.8	78.8	79.7	79.8	80.1	80.4
3000	55.8	55.8	67.0	70.4	73.4	73.7	76.8	77.5	77.5	79.7	80.5	80.5	81.5	81.6	81.9	82.2
2500	56.3	56.3	67.6	71.2	74.2	74.3	77.9	78.6	78.6	80.2	81.6	81.6	82.4	82.4	83.6	84.0
2000	56.7	56.7	68.0	71.6	74.6	74.7	78.3	79.0	79.0	80.2	81.6	81.6	82.4	82.4	83.6	84.0
1800	57.0	57.0	68.4	72.0	75.0	75.1	78.6	79.3	79.3	80.2	81.6	81.6	82.4	82.4	83.6	84.0
1500	57.4	57.4	68.8	72.4	75.4	75.5	79.0	79.7	79.7	80.2	81.6	81.6	82.4	82.4	83.6	84.0
1200	57.8	57.8	69.2	72.8	75.8	75.9	79.4	80.1	80.1	80.2	81.6	81.6	82.4	82.4	83.6	84.0
1000	58.2	58.2	69.6	73.2	76.2	76.3	79.8	80.5	80.5	80.2	81.6	81.6	82.4	82.4	83.6	84.0
900	58.6	58.6	69.9	73.6	76.6	76.7	79.9	80.7	80.7	80.2	81.6	81.6	82.4	82.4	83.6	84.0
800	59.0	59.0	70.3	74.0	77.0	77.1	80.3	81.1	81.1	80.2	81.6	81.6	82.4	82.4	83.6	84.0
700	59.4	59.4	70.7	74.4	77.4	77.5	80.7	81.5	81.5	80.2	81.6	81.6	82.4	82.4	83.6	84.0
600	59.8	59.8	71.1	74.8	77.8	77.9	81.1	81.9	81.9	80.2	81.6	81.6	82.4	82.4	83.6	84.0
500	60.2	60.2	71.5	75.2	78.2	78.3	81.5	82.3	82.3	80.2	81.6	81.6	82.4	82.4	83.6	84.0
400	60.6	60.6	71.9	75.6	78.6	78.7	81.9	82.7	82.7	80.2	81.6	81.6	82.4	82.4	83.6	84.0
300	61.0	61.0	72.3	76.0	79.0	79.1	82.3	83.1	83.1	80.2	81.6	81.6	82.4	82.4	83.6	84.0
200	61.4	61.4	72.7	76.4	79.4	79.5	82.7	83.5	83.5	80.2	81.6	81.6	82.4	82.4	83.6	84.0
100	61.8	61.8	73.1	76.8	79.8	79.9	83.1	83.9	83.9	80.2	81.6	81.6	82.4	82.4	83.6	84.0
0	62.2	62.2	73.5	77.2	80.2	80.3	83.5	84.3	84.3	80.2	81.6	81.6	82.4	82.4	83.6	84.0

TOTAL NUMBER OF OBSERVATIONS

744

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901 RESOLUTE NWT DDT APT

57-66

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	36.0	7.2	7.1	4.4	4.3	3.3	3.1	3.3	4.0	3.3	24.2	4.1	4955
FEB		33.7	7.8	7.2	5.6	4.8	3.0	3.7	3.5	4.8	3.6	22.4	4.2	4511
MAR		38.3	7.0	6.2	5.5	4.1	3.1	2.9	3.6	3.8	3.7	21.9	3.9	4960
APR		25.0	9.7	6.5	6.7	4.9	3.4	3.7	4.1	5.3	5.1	26.0	4.8	4800
MAY		12.4	6.2	4.9	3.2	3.0	3.3	3.0	3.9	6.7	9.3	44.3	6.8	5453
JUN		4.7	3.9	4.7	4.6	3.3	3.1	2.7	4.9	7.5	13.1	45.5	7.4	5279
JUL		3.1	6.4	6.0	4.5	3.5	3.3	2.8	5.0	7.8	15.2	42.6	7.4	5456
AUG		1.4	3.6	3.2	2.8	2.6	3.1	1.7	3.9	6.7	16.2	54.9	8.3	5455
SEP		1.5	4.9	3.2	3.0	2.3	2.6	2.8	3.9	7.2	13.5	55.2	8.2	5280
OCT		10.6	5.7	5.5	4.5	3.7	4.9	2.5	3.8	4.8	8.5	47.4	6.9	5872
NOV		25.0	9.2	8.2	5.7	4.6	3.2	3.1	3.7	5.0	5.7	26.7	4.8	5759
DEC		35.6	7.1	7.9	4.9	4.8	2.6	2.8	3.7	3.5	3.4	23.7	4.1	5951
TOTALS		18.4	6.7	5.9	4.6	3.8	3.1	2.9	3.9	5.6	8.4	36.2	5.9	63731

USAF ETAC FORM 0-9.5 (OL1)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

17401 RESOLUTE NW1 UOT APT

57-66

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	47.4	3.5	3.1	3.7	4.8	2.3	3.7	2.6	2.9	1.6	24.4	3.7	620
	03-05	46.3	2.9	4.8	3.1	2.1	4.4	2.6	2.3	3.2	1.6	26.0	3.9	620
	06-08	43.2	3.5	6.8	4.0	3.5	3.2	1.6	3.7	2.9	1.8	25.6	3.9	620
	09-11	25.2	11.0	10.2	7.1	4.0	3.4	2.4	3.4	3.7	4.7	24.2	4.4	620
	12-14	13.9	16.2	11.3	5.5	4.2	3.9	3.2	5.5	3.7	6.3	23.6	4.9	618
	15-17	25.8	12.5	7.9	5.2	6.0	2.8	4.9	3.2	4.4	3.7	23.7	4.4	617
	18-20	41.0	4.7	6.0	3.4	4.2	3.7	2.7	3.1	5.3	2.9	22.3	3.9	620
	21-23	44.2	2.9	6.3	3.2	4.4	4.3	3.7	2.7	3.4	3.4	23.1	3.9	620
TOTALS		36.0	7.2	7.1	4.4	4.3	3.3	3.1	3.3	4.0	3.3	24.2	4.1	4955

FEB

17901 RESOLUTE WIT DDT APT

57-66

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

SKY COVER

17901 RESOLUTE NWT DDT APT

57-66

4AR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	55.6	4.5	5.3	3.2	3.4	1.6	2.1	1.6	1.9	1.5	19.2	2.9	620
	03-05	49.6	6.3	5.3	3.7	2.7	2.7	2.7	3.1	1.6	2.6	19.4	3.2	620
	06-08	28.9	9.2	8.5	6.5	4.0	4.4	2.7	3.9	4.7	3.7	23.5	4.3	620
	09-11	30.5	8.5	6.5	5.6	5.3	2.4	3.1	4.2	2.9	5.3	25.6	4.5	620
	12-14	30.5	7.4	6.3	6.0	4.5	3.4	3.1	4.8	4.5	4.2	25.3	4.5	620
	15-17	32.6	7.1	3.4	6.9	4.5	4.0	2.7	4.4	5.8	4.2	24.4	4.5	620
	18-20	34.2	6.1	6.8	6.9	4.2	3.9	4.0	2.7	5.3	6.1	19.7	4.1	620
	21-23	44.2	6.5	7.1	4.8	4.2	2.7	2.9	4.0	3.5	2.3	17.7	3.4	620
TOTALS		38.4	7.0	6.2	5.5	4.1	3.1	2.9	3.6	3.8	3.7	21.9	3.9	4960

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

57-66

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	21.5	14.8	6.8	9.0	4.5	5.7	3.5	4.0	3.7	4.3	25.8	4.7	600
	03-05	22.0	12.0	8.8	5.5	4.7	5.2	4.3	4.0	5.2	6.2	24.3	4.7	600
	06-08	27.0	10.7	5.3	5.8	5.7	5.2	4.2	3.5	6.3	4.0	25.3	4.6	600
	09-11	27.7	8.0	6.7	5.0	4.0	5.0	4.0	3.2	6.7	4.8	27.0	4.8	600
	12-14	25.2	9.0	6.3	5.0	4.8	4.0	4.5	4.3	4.3	5.8	28.7	5.0	600
	15-17	24.5	8.5	5.8	6.0	5.7	4.0	2.8	5.0	5.2	4.2	28.5	5.0	600
	18-20	20.7	9.0	5.3	7.8	4.2	5.5	2.7	4.2	6.5	6.0	24.2	4.7	600
	21-23	25.2	7.7	7.0	9.3	4.9	5.8	3.3	4.3	4.7	5.3	24.5	4.7	600
TOTALS		25.0	9.7	6.5	6.7	4.6	5.4	3.7	4.1	5.3	5.1	26.0	4.8	4800

SKY COVER

1/901 RESOLUTE NWT DDT APT

37-66

462

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10			
MAY	00-02	10.9	5.9	5.9	2.6	3.2	3.3	4.0	4.4	5.3	10.1	44.0	6.9	682	
	03-05	11.6	5.4	4.5	3.1	3.7	3.1	2.5	4.4	6.0	9.1	46.6	7.0	682	
	06-08	12.0	7.6	4.1	2.6	1.0	3.1	2.3	5.7	6.3	8.8	45.7	6.9	682	
	09-11	12.2	6.2	5.9	4.8	3.7	4.8	2.6	2.5	5.3	7.3	46.7	6.7	681	
	12-14	12.0	5.9	5.4	3.5	2.3	4.0	3.8	4.5	7.8	7.5	43.1	6.7	682	
	15-17	13.1	6.0	4.1	3.8	3.1	3.5	2.6	3.4	7.5	10.6	41.6	6.7	681	
	18-20	13.2	5.9	4.8	2.2	3.3	2.9	2.6	3.2	7.3	10.3	44.0	6.8	682	
	21-23	12.3	5.7	4.8	3.1	2.9	4.5	3.2	3.2	7.8	10.3	43.0	6.8	681	
TOTALS		12.2	6.2	4.9	3.2	3.0	3.3	3.0	3.9	6.7	9.3	44.3	6.8	5453	

17901 RESOLUTE NWT UOI APT

57-66

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	5.4	4.5	3.8	4.1	2.9	3.3	2.7	3.3	7.6	13.9	48.9	7.7	660
	03-05	5.6	5.6	4.1	4.4	2.1	4.1	2.6	4.9	6.8	12.3	49.5	7.6	639
	06-08	5.6	6.8	5.6	3.9	3.3	4.1	2.7	3.2	7.4	12.1	47.1	7.3	660
	09-11	5.4	6.2	6.1	3.5	2.2	4.1	2.7	5.2	7.9	11.6	44.5	7.3	660
	12-14	3.9	5.6	4.1	7.0	3.9	1.5	3.0	5.6	8.5	13.3	43.5	7.4	660
	15-17	3.6	5.8	4.8	4.4	4.1	3.0	3.5	6.7	8.6	13.6	39.8	7.3	660
	18-20	3.9	7.1	5.3	3.5	3.9	3.6	2.7	5.3	7.7	14.7	42.1	7.3	660
	21-23	4.2	5.9	3.9	5.8	3.2	2.7	1.7	4.8	5.5	13.3	48.9	7.5	660
TOTALS		4.1	5.9	4.7	4.6	3.3	3.1	2.7	4.9	7.5	13.1	45.5	7.4	5279

SKY COVER

17901 RESOLUTE NW1 DBT 4PT

57-66

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	5.0	5.3	4.7	3.5	4.1	4.3	2.6	5.1	8.5	15.4	43.4	7.5	682
	03-05	3.1	5.3	6.0	4.0	3.7	4.1	2.9	4.1	5.4	14.1	46.8	7.5	682
	06-08	4.0	5.0	4.8	4.0	2.0	3.4	2.1	4.5	7.6	15.7	45.7	7.6	682
	09-11	3.2	6.3	4.5	3.1	3.2	4.8	1.9	5.0	8.2	19.5	40.2	7.5	682
	12-14	1.9	6.6	6.3	5.3	2.9	3.2	4.3	6.6	6.9	12.5	43.5	7.4	682
	15-17	1.3	7.9	7.6	5.0	3.1	3.2	3.1	5.0	8.1	15.7	40.0	7.3	682
	18-20	2.1	6.7	8.1	6.2	4.3	2.9	2.9	4.0	8.8	14.7	39.4	7.2	682
	21-23	3.5	7.5	5.6	4.7	3.7	2.5	2.2	5.4	9.2	13.6	42.1	7.3	682
TOTALS		3.1	6.4	6.0	4.5	3.5	3.3	2.8	5.0	7.8	15.2	42.6	7.4	5456

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901	RESOLUTE NWI DOT APT
STATION	STATION NAME

57-66

456

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	.7	4.0	4.1	2.5	2.0	4.3	1.5	3.1	6.0	12.0	59.2	8.3	682
	03-05	1.3	4.0	2.5	2.2	3.5	2.9	1.8	4.1	7.0	13.6	57.0	8.3	682
	06-08	1.9	3.8	2.2	1.9	1.0	4.5	1.3	3.7	5.7	17.3	58.1	8.5	682
	09-11	1.0	3.3	2.1	1.6	2.0	2.1	2.3	4.3	6.2	21.0	53.2	8.5	682
	12-14	2.2	1.9	3.4	3.8	2.0	3.1	1.6	4.1	7.0	16.4	53.1	8.3	682
	15-17	.0	3.4	2.8	3.1	2.0	3.2	1.2	4.4	8.8	16.7	53.2	8.4	682
	18-20	1.9	4.3	4.0	2.1	2.2	2.9	1.5	4.7	7.3	17.9	51.2	8.2	681
	21-23	1.3	3.5	4.7	5.1	2.0	3.8	2.2	2.8	5.7	14.8	53.4	8.0	682
TOTALS		1.4	3.0	3.2	2.8	2.0	3.1	1.7	3.9	6.7	16.2	54.9	8.3	5455

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901 RESOLUTE NWT OUT APT

57-66

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	4.4	4.5	4.1	2.1	2.3	2.0	4.1	3.6	6.5	8.8	57.6	8.0	660
	03-05	2.4	4.2	3.5	2.7	1.8	1.8	3.8	4.1	7.0	10.6	58.0	8.2	660
	06-08	.3	3.8	2.3	3.2	2.1	1.7	1.2	3.6	6.4	17.7	57.7	8.6	660
	09-11	1.4	3.3	2.7	2.1	2.3	4.1	1.8	3.5	9.7	14.7	54.5	8.4	660
	12-14	.3	4.1	2.4	4.2	3.8	2.9	2.9	3.2	7.0	13.9	55.3	8.3	660
	15-17		5.9	3.9	4.7	2.9	2.4	2.4	4.7	6.7	16.8	49.5	8.0	660
	18-20	.0	6.5	3.6	2.3	1.8	1.8	2.7	4.8	7.9	14.2	53.5	8.1	660
	21-23	2.4	6.5	3.2	2.7	1.2	3.8	3.6	3.9	6.1	10.9	55.6	8.0	660
TOTALS		1.5	4.9	3.2	3.0	2.3	4.6	2.8	3.9	7.2	13.5	55.2	8.2	5280

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901 RESOLUTE NWT UOT APT

57-66

067

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	21.1	3.3	4.1	4.0	4.0	2.5	2.2	2.5	3.3	4.8	47.0	6.3	734
	03-05	19.5	3.5	5.4	3.8	3.3	3.0	2.3	2.6	3.7	4.0	48.9	6.4	734
	06-08	8.3	6.1	5.9	5.2	4.2	3.1	1.9	3.8	4.2	10.4	46.9	7.0	734
	09-11	1.4	6.3	6.3	4.8	3.5	3.8	2.3	4.1	6.1	11.7	47.7	7.4	734
	12-14	2.0	8.6	4.9	4.2	3.4	4.6	2.7	4.5	5.9	13.2	45.4	7.4	734
	15-17	2.0	6.5	7.8	5.6	4.0	3.1	2.0	4.8	5.7	12.1	45.8	7.3	734
	18-20	9.5	6.3	6.8	3.8	4.2	1.9	2.5	4.5	4.5	7.4	48.6	6.9	734
	21-23	21.5	3.0	3.0	4.1	4.0	1.4	3.7	3.3	5.0	4.2	48.5	6.5	734
TOTALS		10.0	5.7	5.5	4.5	3.7	2.9	2.5	3.8	4.8	8.5	47.4	6.9	5872

SKY COVER

57-66

No. 5

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10			
NOV	00-02	36.3	6.7	6.3	2.8	4.4	2.4	3.5	2.6	4.9	4.7	25.6	4.3	720	
	03-05	39.2	5.0	4.7	5.6	4.4	2.9	2.5	2.4	4.3	6.4	22.6	4.1	720	
	06-08	31.1	7.1	7.4	5.3	4.1	2.1	2.1	4.2	4.5	5.7	25.3	4.5	719	
	09-11	8.5	14.7	11.8	7.1	5.3	3.2	3.9	4.0	6.9	7.5	27.1	5.4	720	
	12-14	6.7	11.9	10.7	7.6	5.6	3.8	4.0	4.7	5.6	7.1	30.3	5.8	720	
	15-17	13.8	14.2	8.6	6.8	4.7	4.0	2.8	5.0	6.5	6.3	27.4	5.2	720	
	18-20	31.1	8.2	7.8	4.6	3.0	2.4	2.9	2.6	3.5	3.5	26.5	4.5	720	
	21-23	32.9	5.4	8.3	5.6	2.9	2.9	3.2	3.8	3.9	4.0	27.1	4.5	720	
TOTALS		25.0	9.2	8.2	5.7	4.9	2.2	3.1	3.7	5.0	5.7	26.7	4.8	5759	

SKY COVER

17901 RESOLUTE NOT OUT API

57-66

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum x^2$), sums of values ($\sum x$), means (\bar{x}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

6.6.6

PAGE 1

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HOURS L. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
64/ 63					.0		.0																											
62/ 61			.0			.0	.0																											
60/ 59		.0		.0		.0	.0																											
58/ 57			.0	.0	.0	.0	.0											23	23		3													
56/ 55			.0	.0	.0	.0												43	43		1													
54/ 53			.0	.0	.1	.0												82	82		3													
52/ 51		.0	.0	.1	.1	.0												130	130		9													
50/ 49		.0	.1	.2	.1	.0												273	273		52													
48/ 47	.0	.1	.3	.3	.0													425	425		125													
46/ 45	.0	.3	.6	.2	.0													658	658		323													
44/ 43	.0	.5	.8	.1	.0													859	859		680													
42/ 41	.1	1.1	.7	.1	.0													1230	1230		1032													
40/ 39	.3	1.6	.6	.1														1547	1547		1574													
38/ 37	.6	2.0	.4	.0														1788	1788		1939													
36/ 35	1.3	2.2	.3	.0														2327	2327		2485													
34/ 33	2.1	2.1	.2															2712	2712		2866													
32/ 31	1.4	2.2	.1															2518	2518		2602													
30/ 29	1.0	1.7	.0															1660	1660		1952													
28/ 27	.8	1.4	.0															1326	1326		1497													
26/ 25	1.0	1.3	.0															1383	1383		1420													
24/ 23	1.0	1.2																1334	1334		1409													
22/ 21	.9	.9	.0															1052	1052		1132													
20/ 19	1.0	1.0	.0															1225	1225		1199													
18/ 17	1.0	.9	.0															1162	1162		1186													
16/ 15	1.0	.9																1140	1140		1154													
14/ 13	1.0	.7																994	995		1050													
12/ 11	1.2	.6																1113	1113		1108													
10/ 9	1.3	.6																1129	1129		1149													
8/ 7	1.2	.5																1025	1025		1077													
6/ 5	1.4	.4																1068	1068		1078													
4/ 3	1.3	.4																1015	1015		1037													
2/ 1	1.5	.3																1112	1112		1129													
0/ -1	1.6	.4																1226	1226		1207													
-2/ -3	1.8	.4																1313	1313		1314													
Element (X)	Σx^2			Σx			\bar{x}			s_x			No. Obs.											Mean No. of Hours with Temperature										
Rel. Hum.														≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT ART
STATION

57-66

YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-4/-5	1.8	.3																1292	1293	1292	1146															
-6/-7	1.8	.3																1295	1295	1307	1155															
-8/-9	2.0	.2																1353	1353	1387	1197															
-10/-11	2.2	.3																1522	1522	1500	1165															
-12/-13	2.3	.2																1531	1531	1549	1320															
-14/-15	2.6	.3																1733	1733	1722	1126															
-16/-17	2.6	.3																1723	1727	1733	1352															
-18/-19	2.8	.2																1819	1819	1818	1592															
-20/-21	2.8	.2																1852	1852	1859	1554															
-22/-23	2.9	.2																1851	1851	1869	1681															
-24/-25	3.1	.2																1957	1957	1956	1630															
-26/-27	2.8	.1																1784	1785	1796	1822															
-28/-29	2.6	.2																1638	1639	1637	1444															
-30/-31	2.5	.2																1627	1631	1620	1722															
-32/-33	2.2	.1																1374	1393	1391	1767															
-34/-35	1.7	.1																1035	1261	1052	1697															
-36/-37	.0																	7	996	21	1487															
-38/-39																			752		1198															
-40/-41																			510		1154															
-42/-43																			309		478															
-44/-45																			258		470															
-46/-47																			154		83															
-48/-49																			83		98															
-50/-51																			42		20															
-52/-53																			28		19															
-54/-55																			31		14															
-56/-57																			8		6															
-58/-59																			2		1															
-60/-61																			2		1															
-62/-63																			1																	
TOTAL	65.229.2	4.1	1.1	.3	.0	.0												60301	63729	60301	60294															
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	386725621	4780013	79.311.314	60295	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	44374433	200913	3.226.199	63729	4378.97107.9						8760																									
Wet Bulb	36783633	302599	5.024.184	60301	4374.77246.8						8760																									
Dew Point	41572655	35269	.626.252	60294	4705.67533.5						8760																									

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION

57-66

YEARS

JAN
MONTH

PAGE 1

ALL
HOURS 11. 5. 1.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
22/ 21	.1	.1																7	7	5					
20/ 19	.2	.0																10	10	11	5				
18/ 17	.1	.1																5	5	6	9				
16/ 15	.2	.1																11	11	7	5				
14/ 13	.1	.1																8	8	9	7				
12/ 11	.1	.1																7	7	9	6				
10/ 9	.3	.1																18	18	15	9				
8/ 7	.2	.1																10	10	11	6				
6/ 5	.2																	7	7	10	11				
4/ 3	.3	.0																13	13	12	13				
2/ 1	.7																	25	25	26	13				
0/ -1	1.0	.1																41	41	38	14				
-2/ -3	.7	.1																31	31	33	17				
-4/ -5	1.2	.2																54	55	49	36				
-6/ -7	1.9	.2																79	79	81	34				
-8/ -9	1.9	.4																85	85	80	35				
-10/-11	2.8	.2																113	113	117	58				
-12/-13	3.4	.4																143	143	141	74				
-14/-15	3.8	.2																152	152	154	60				
-16/-17	4.4	.4																178	179	177	110				
-18/-19	5.0	.2																194	194	197	150				
-20/-21	6.1	.5																247	247	239	150				
-22/-23	7.0	.3																278	278	280	198				
-24/-25	9.4	.4																366	366	369	165				
-26/-27	9.7	.3																377	377	378	227				
-28/-29	8.3	.4																325	325	324	224				
-30/-31	8.9	.6																357	358	352	284				
-32/-33	8.9	.7																360	367	358	396				
-34/-35	6.5	.5																261	330	267	290				
-36/-37																			263	7	284				
-38/-39																			235		243				
-40/-41																			171		258				
-42/-43																			110		155				
-44/-45																			120		143				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DIET APT
STATION STATION NAME

57-66

JAN
MONTH

PAGE 2

ALL
HOURS 11 5 9

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-46/-47																			88		27
-48/-49																			45		34
-50/-51																			25		3
-52/-53																			21		5
-54/-55																			23		4
-56/-57																			7		
-58/-59																			3		
-60/-61																			2		
-62/-63																			1		
TOTAL	93.2	6.8																	4955		3762
																		3762		3762	

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DOT APT
STATION STATION NAME

57-66

YEARS

FEA
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
26/ 25	.1																	2	2	2					
24/ 23	.1																	3	3	4					
22/ 21	.1																	3	3	2					
20/ 19	.1																	4	4	3					
18/ 17	.1																	3	3	3					
16/ 15	.1																	5	5	2					
14/ 13	.1																	2	2	6					
12/ 11	.1																	5	5	1					
10/ 9	.3																	11	11	3					
8/ 7	.2																	7	7	8					
6/ 5	.4	.0																15	15	9					
4/ 3	.7																	24	24	7					
2/ 1	.6	.1																23	23	19					
0/ -1	.7	.0																26	26	19					
-2/ -3	1.6	.3																65	65	12					
-4/ -5	1.3	.3																55	55	30					
-6/ -7	2.3	.4																93	93	40					
-8/ -9	2.3	.3																92	92	52					
-10/-11	2.5	.4																102	102	64					
-12/-13	3.1	.3																119	119	81					
-14/-15	3.7	.2																135	135	77					
-16/-17	4.0	.3																149	149	98					
-18/-19	5.2	.2																189	189	133					
-20/-21	5.9	.4																219	219	141					
-22/-23	7.8	.5																292	292	155					
-24/-25	9.3	.5																341	341	152					
-26/-27	8.1	.7																305	306	217					
-28/-29	9.4	.9																361	361	178					
-30/-31	8.6	.6																320	321	277					
-32/-33	7.6	.3																278	283	293					
-34/-35	6.9	.3																250	300	349					
-36/-37																			285	3	293				
-38/-39																			233		247				
-40/-41																			155		261				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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FFA

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HOURS S. T.

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

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YEARS

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ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
14/ 13	.1																	3	3	3														
12/ 11	.0																	2	2	2														
10/ 9	.1																	4	4	4	4													
8/ 7	.1	.0																6	6	6	6													
6/ 5	.4																	16	16	16	16													
4/ 3	.9																	39	39	39	39													
2/ 1	1.3	.1																58	58	58	58													
0/ -1	1.2	.0																52	52	52	52													
-2/ -3	1.5	.2																73	73	69	69													
-4/ -5	1.5	.2																73	73	73	73													
-6/ -7	1.7	.1																75	75	80	80													
-8/ -9	2.7	.1																119	119	117	117													
-10/-11	2.5	.3																116	116	113	113													
-12/-13	2.8	.1																125	125	129	129													
-14/-15	3.3	.4																156	156	152	152													
-16/-17	4.4	.3																196	196	195	195													
-18/-19	4.9	.3																228	228	221	221													
-20/-21	5.6	.3																258	258	261	261													
-22/-23	7.2	.6																329	329	328	328													
-24/-25	8.5	.3																373	373	377	377													
-26/-27	9.0	.4																396	396	395	395													
-28/-29	8.6	.3																385	386	387	387													
-30/-31	10.2	.6																456	457	449	449													
-32/-33	8.3	.3																361	362	368	368													
-34/-35	7.2	.1																307	352	314	314													
-36/-37	.2																	7	291	7	388													
-38/-39																			160															
-40/-41																			110															
-42/-43																			82															
-44/-45																			49															
-46/-47																			10															
-48/-49																			2															
-50/-51																			1															
-52/-53																																		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
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HOURS U S T

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

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17901	RESOLUTE NWT DOT APT
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ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
20/ 19																		3	3	2						
18/ 17	.0	.2																10	10	4						
16/ 15	.1	.4																24	28	3						
14/ 13	.5	.6																53	53	5						
12/ 11	.7	.5																61	61	22						
10/ 9	.7	1.1																81	81	37						
8/ 7	1.0	1.2																104	104	56						
6/ 5	1.6	1.1																127	127	56						
4/ 3	2.8	1.1																184	184	78						
2/ 1	3.0	1.1																192	192	114						
0/ -1	3.5	1.4																232	232	149						
-2/ -3	4.4	1.3																267	267	193						
-4/ -5	4.3	.8																240	240	229						
-6/ -7	4.5	.8																250	250	198						
-8/ -9	5.1	.6																267	267	271						
-10/-11	5.8	.9																317	317	228						
-12/-13	5.5	.6																290	290	256						
-14/-15	5.8	1.1																324	324	205						
-16/-17	5.2	1.1																295	295	251						
-18/-19	5.4	.8																295	295	295						
-20/-21	5.7	.8																307	307	256						
-22/-23	4.1	.2																206	206	243						
-24/-25	3.4	.3																177	177	285						
-26/-27	2.6	.1																129	129	308						
-28/-29	2.0	.2																106	106	219						
-30/-31	1.6	.3																89	89	207						
-32/-33	1.3	.1																66	67	142						
-34/-35	.6	.1																31	35	140						
-36/-37																			31	2	92					
-38/-39																			18		70					
-40/-41																			13		69					
-42/-43																			2		24					
-44/-45																					23					
-46/-47																					2					
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																										
Wet Bulb																										
Dew Point																										

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT UUT APT
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H⁺ URS II S V

Ten. p. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
52/ 51																		1	1								
50/ 49																		14	14								
48/ 47																		41	41	1							
46/ 45																		63	63	5	1						
44/ 43																		110	110	44							
42/ 41																		171	171	87	17						
40/ 39																		238	238	189	29						
38/ 37																		312	312	220	122						
36/ 35																		450	450	426	240						
34/ 33																		802	802	671	458						
32/ 31																		1013	1013	1032	857						
30/ 29																		536	536	812	876						
28/ 27																		373	373	463	662						
26/ 25																		327	327	377	507						
24/ 23																		309	309	342	437						
22/ 21																		169	169	213	343						
20/ 19																		165	165	180	258						
18/ 17																		86	86	106	152						
16/ 15																		74	74	79	160						
14/ 13																		20	21	27	94						
12/ 11																		5	5	5	39						
10/ 9																					19						
8/ 7																					6						
6/ 5																					1						
TOTAL	22.9	61.3	13.5	2.0	.2													5279	5280	5279	5279						
Element (X)	Σ x'				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.	39.76008				451970				85.6				8.484				5279				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5366969				164841				31.2				6.465				5280				419.7						
Wet Bulb	4877738				157554				29.8				5.766				5279				495.9						
Dew Point	4111637				144051				27.3				5.853				5279				601.6						

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ALL
HOURS L. S. T.

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
64/ 64					.0		.0											3	3													
62/ 61				.1		.0	.0											3	3													
60/ 59		.0		.0		.1	.0											9	9													
58/ 57			.1	.0	.3	.1	.0											23	23	3												
56/ 55			.1	.2	.2	.2												32	32	1	2											
54/ 53			.1	.4	.8	.1												72	72	3												
52/ 51			.3	1.0	.5	.1												99	99	8	3											
50/ 49		.1	.8	1.8	.6	.0												180	180	41	3											
48/ 47	.0	.3	2.3	1.7	.2													246	246	82	6											
46/ 45	.1	1.6	4.2	1.0	.1													379	379	199	23											
44/ 43	.1	2.8	4.3	.7														442	442	407	75											
42/ 41	.6	5.4	3.6	.4														543	543	565	229											
40/ 39	1.0	7.0	2.7	.1														584	584	687	530											
38/ 37	2.1	7.6	1.5															607	607	755	736											
36/ 35	5.9	9.0	.6															840	840	943	1060											
34/ 33	10.0	6.7	.3															925	925	1101	1384											
32/ 31	4.8	2.7	.1															412	412	536	951											
30/ 29	.4	.6																53	53	110	328											
28/ 27	.1	.1																4	4	15	95											
26/ 25																					22											
24/ 23																					1											
TOTAL	24.843	420.7	7.3	2.6	.5	.1												5456	5456	5456	5456											

Element (X)	Σ x ¹	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	40424340	465036	85.211	961	5455	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	8567665	213829	39.2	5,861	5456		64.0					744
Wet Bulb	7669771	203159	37.2	4,393	5456		90.1					744
Dew Point	6687758	190038	34.8	3,545	5456		191.6					744

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

17901	RESOLUTE WMT ODT APT
STATION	STATION NAME

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HOURS: 11 - 5 - 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55			.1	.1	.1	.0												11	11					
54/ 53			.1	.1	.1													10	10					
52/ 51		.0	.2	.3	.1													30	30	1				
50/ 49		.3	.5	.5	.2													79	79	11	1			
48/ 47		.7	1.2	.7														138	138	42	6			
46/ 45	.2	1.7	1.5	.5	.0													212	212	119	45			
44/ 43	.3	2.4	2.3	.4	.0													296	296	228	89			
42/ 41	1.0	5.7	2.4	.3														509	509	368	199			
40/ 39	2.3	8.6	1.2	.0														661	661	658	405			
38/ 37	3.9	9.8	.9	.0														795	795	890	747			
36/ 35	7.4	8.5	.3															881	881	1015	1102			
34/ 33	8.7	4.0	.1															697	697	857	1126			
32/ 31	6.4	3.2																521	522	555	781			
30/ 29	3.8	2.9	.1															368	368	389	413			
28/ 27	1.2	1.5																147	147	189	239			
26/ 25	.7	.7																76	76	97	150			
24/ 23	.2	.2																19	19	20	98			
22/ 21		.0																1	1	4	38			
20/ 19																					12			
18/ 17																					1			
TOTAL	16.0	50.0	10.6	2.9	.5	.0												5451	5452	5451	5452			

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	44713007	491265	90.1	9.050	5452	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7172180	201098	36.9	5.326	5452		156.6					744
Wet Bulb	7065261	194657	35.7	4.573	5451		172.2					744
Dew Point	6443685	185919	34.1	4.361	5452		236.4					744

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DDT APT
STATION STATION NAME

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HOURS T. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
46/ 45		.0	.0	.0														4	4						
44/ 43		.1	.1															11	11	1					
42/ 41	.0	.1																7	7	12	2				
40/ 39	.3	.9	.0	.0														64	64	40	20				
38/ 37	.9	.8	.1															74	74	74	59				
36/ 35	.9	1.7	.3															154	154	101	110				
34/ 33	2.2	2.7	.3															274	274	231	162				
32/ 31	4.2	4.6	.2															478	478	415	325				
30/ 29	4.4	6.6	.0															580	580	545	374				
28/ 27	5.1	5.9	.0															582	582	628	443				
26/ 25	4.4	5.9																543	543	552	537				
24/ 23	4.6	4.6																482	482	552	489				
22/ 21	3.3	3.0																334	334	341	538				
20/ 19	3.2	3.2																335	335	344	324				
18/ 17	2.6	3.0	.7															295	295	305	284				
16/ 15	2.5	2.3																253	253	266	273				
14/ 13	2.7	1.4																219	219	248	246				
12/ 11	2.5	1.2																192	192	196	231				
10/ 9	2.0	.6																139	139	149	240				
8/ 7	1.5	.5																102	102	112	197				
6/ 5	1.1	.1																64	64	70	157				
4/ 3	.7	.0																39	39	43	91				
2/ 1	.6																	34	34	34	82				
0/ -1	.1																	6	6	6	45				
-2/ -3	.2																	11	11	11	30				
-4/ -5	.1																	3	3	3	8				
-6/ -7																					11				
-8/ -9																					1				
TOTAL	49.6	49.2	1.2	.0														5279	5279	5279	5279				
																						5279		5279	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	41379140		465972		88.2		6.858		5279		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total		
Dry Bulb	3303831		124821		23.6		8.172		5279		2.7		639.8										720		
Wet Bulb	3142855		121669		23.0		8.010		5279		2.7		637.4										720		
Dew Point	2680557		109023		20.7		9.019		5279		13.0		671.9										720		

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
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STATION	STATION NAME

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HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
30/ 29	.1	.1																	11	11	7											
28/ 27	.4	.1																	31	31	33	20										
26/ 25	1.4	.5																	115	115	96	32										
24/ 23	1.3	.5																	107	107	108	117										
22/ 21	1.2	.7																	113	113	112	79										
20/ 19	2.9	1.2																	240	240	224	92										
18/ 17	3.5	1.9																	280	280	278	180										
16/ 15	3.2	1.3																	266	266	265	223										
14/ 13	3.2	1.0																	248	248	255	262										
12/ 11	4.6	1.0																	326	326	322	242										
10/ 9	5.4	1.5																	406	406	398	259										
8/ 7	5.0	1.3																	367	367	382	302										
6/ 5	6.0	1.2																	423	423	409	354										
4/ 3	4.8	1.0																	343	343	356	350										
2/ 1	6.4	.7																	420	420	430	367										
0/ -1	5.4	.6																	355	355	362	348										
-2/ -3	5.0	.6																	328	328	328	399										
-4/ -5	4.1	.5																	268	268	264	348										
-6/ -7	3.6	.6																	249	249	249	332										
-8/ -9	3.5	.5																	236	236	237	269										
-10/-11	2.4	.5																	170	170	172	208										
-12/-13	2.3	.3																	148	148	154	207										
-14/-15	2.2	.2																	137	137	143	147										
-16/-17	1.5	.2																	96	96	96	153										
-18/-19	1.4	.2																	91	91	90	168										
-20/-21	.7	.0																	45	45	49	120										
-22/-23	.4	.0																	27	27	25	88										
-24/-25	.2	.0																	14	14	16	86										
-26/-27	.1																		7	7	7	60										
-28/-29	.1																		5	5	5	26										
-30/-31																						10										
-32/-33																						8										
-34/-35																						11										
-36/-37																						5										
Element (X)	Σ x'		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WNT DNT APT
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USAFETAC FORM 0-26.5 (OL A) REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
28/ 27		.0																1	1												
26/ 25	.1	.2																19	19	14											
24/ 23	.3	.2																27	27	28	16										
22/ 21	.3	.3																37	32	27	21										
20/ 19	.3	.6																50	50	45	23										
18/ 17	.5	.9																81	81	69	27										
16/ 15	.8	1.0																103	103	102	42										
14/ 13	1.3	.7																118	118	127	84										
12/ 11	1.4	.4																105	105	111	118										
10/ 9	.8	.3																64	64	69	119										
8/ 7	1.1	.3																77	77	77	77										
6/ 5	2.0	.4																138	138	131	68										
4/ 3	2.1	.6																151	151	147	75										
2/ 1	1.6	.5																123	123	126	109										
0/ -1	2.3	.7																171	171	171	110										
-2/ -3	2.6	.7																193	193	190	139										
-4/ -5	3.1	.4																225	225	225	147										
-6/ -7	3.3	.6																227	227	228	161										
-8/ -9	4.2	.5																270	270	283	187										
-10/-11	5.4	.4																357	357	346	209										
-12/-13	6.1	.6																385	385	391	263										
-14/-15	8.0	.6																493	493	490	241										
-16/-17	6.7	.5																413	413	413	348										
-18/-19	6.7	.6																419	419	421	400										
-20/-21	5.8	.3																348	348	352	406										
-22/-23	5.1	.1																300	300	308	430										
-24/-25	5.1	.2																303	303	300	373										
-26/-27	3.7	.2																228	228	229	367										
-28/-29	2.8	.1																165	165	167	261										
-30/-31	1.1	.1																70	70	70	299										
-32/-33	1.0	.1																65	65	61	213										
-34/-35	.5	.0																32	34	37	186										
-36/-37																			4		107										
-38/-39																					48										
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																															
Wet Bulb																															
Dew Point																															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

NDV

PAGE 2

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-40/-41																					36	
-42/-43																					13	
-44/-45																					5	
-46/-47																					12	
-48/-49																					12	
-50/-51																					1	
TOTAL	6.1	13.9																5753	5759	5753	5753	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

DEC

YEARS

PAGE 1

MONTH

ALL
HOURS 11. 5. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point													
12/ 11	.0	.0																3	3	3														
10/ 9	.5																	28	28	28	3													
8/ 7	.3																	16	16	16	9													
6/ 5	.4	.1																24	24	24	29													
4/ 3	.5	.0																32	32	31	1													
2/ 1	1.3	.2																81	81	76	26													
0/ -1	2.6	.3																160	160	158	32													
-2/ -3	2.9	.5																192	192	182	37													
-4/ -5	3.6	.6																235	235	233	153													
-6/ -7	3.2	.7																219	219	216	154													
-8/ -9	3.7	.4																226	226	236	151													
-10/-11	5.0	.6																315	315	312	204													
-12/-13	4.8	.7																303	303	294	226													
-14/-15	5.4	.5																328	328	339	239													
-16/-17	6.6	.5																395	396	392	258													
-18/-19	6.7	.6																401	401	398	302													
-20/-21	7.1	.4																428	428	435	325													
-22/-23	7.0	.5																419	419	419	361													
-24/-25	6.4	.5																383	383	381	374													
-26/-27	5.9	.2																342	342	350	413													
-28/-29	5.0	.2																291	291	295	302													
-30/-31	5.8	.2																335	336	332	350													
-32/-33	4.2	.2																244	249	247	358													
-34/-35	2.7	.0																154	210	155	342													
-36/-37																			122		2	318												
-38/-39																			106			257												
-40/-41																			61			165												
-42/-43																			29			78												
-44/-45																																		
-46/-47																			14			54												
-48/-49																			3			8												
-50/-51																						11												
-52/-53																						2												
																						1												
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
NJL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

YEARS

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STAT ON	STATION NAME

57-66

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.*W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/ 19	.6																	3	3	3															
18/ 17																					3														
16/ 15	.2																	1	1	1															
14/ 13	.2	.2																2	2	1															
12/ 11																				1	1														
10/ 9	.9																	4	4	4	1														
8/ 7																					1														
6/ 5																					4														
4/ 3	.4																	2	2	2															
2/ 1	.6																	3	3	3	1														
0/ -1	.9																	4	4	4	1														
-2/ -3	1.3																	6	6	6	2														
-4/ -5	.9	.4																6	7	5	4														
-6/ -7	1.7	.2																9	9	9	4														
-8/ -9	2.1	.6																13	13	11	4														
-10/-11	2.3	.4																13	13	16	4														
-12/-13	4.3	.6																23	23	22	11														
-14/-15	2.1	.2																11	11	12	11														
-16/-17	5.5	.4																28	29	26	17														
-18/-19	4.7																	22	22	24	20														
-20/-21	4.3	.6																23	23	22	10														
-22/-23	9.0	.4																44	44	43	31														
-24/-25	7.5																	35	35	37	14														
-26/-27	11.1	.9																56	56	55	30														
-28/-29	9.6	1.1																50	50	49	31														
-30/-31	8.7																	41	41	43	32														
-32/-33	6.6	.9																35	35	34	45														
-34/-35	6.6	.9																35	44	34	38														
-36/-37																			37	2	41														
-38/-39																			30		22														
-40/-41																			10		40														
-42/-43																			18		18														
-44/-45																			16		19														
-46/-47																			13		3														
Element (X)	$\Sigma x'$		Σx																																

USAFETAC FORM 0-26-5 (OL A)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point								
22/ 21	.4																	2	2	2									
20/ 19	.2																	1	1	1	2								
18/ 17	.4	.2																3	3	3	1								
16/ 15																					2								
14/ 13	.2																	1	1	1									
12/ 11	.4	.2																3	3	3									
10/ 9																					1								
8/ 7																					3								
4/ 3	.2																	1	1	1									
2/ 1	1.1																	5	5	5									
0/ -1	1.3																	6	6	6	3								
-2/ -3	.2	.4																2	2	2	1								
-4/ -5	1.5																	7	7	7	6								
-6/ -7	1.9	.2																10	10	9	2								
-8/ -9	2.3	.2																12	12	12	4								
-10/-11	3.2	.6																18	18	17	6								
-12/-13	3.0	.2																15	15	17	13								
-14/-15	4.5																	21	21	21	9								
-16/-17	4.0																	19	19	19	12								
-18/-19	3.4																	16	16	16	24								
-20/-21	6.8	.4																34	34	33	18								
-22/-23	7.4	.2																36	36	36	18								
-24/-25	10.4	.9																53	53	52	21								
-26/-27	11.5	.4																56	56	57	24								
-28/-29	8.9																	42	42	43	28								
-30/-31	6.6	.2																32	32	32	42								
-32/-33	8.1	1.3																44	44	42	45								
-34/-35	6.2	.4																31	36	32	47								
-36/-37																			32	1	30								
-38/-39																			41		31								
-40/-41																			16		43								
-42/-43																			8		9								
-44/-45																			20		17								
-46/-47																			9		4								
Element (X)	Σx^1	Σx																Mean No. of Hours with Temperature											
Rel. Hum.																		≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																													
Wet Bulb																													
Dew Point																													

USAFETAC FORM 26-5 (O-LA)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATER SERVICE/NAO

YEARS

JAN
MONTH

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. Y.)

[illegible]

USAFETAC
FORM
JUL 64
0-26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

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YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
22/ 21	.2	.4																3	3	3							
20/ 19	.2																	1	1	1	3						
16/ 15	.2																	1	1	1	1						
14/ 13		.4																1	1		1						
12/ 11	.4																	2	2	3							
10/ 9	.2																	1	1	1	1						
8/ 7	.4																	2	2	2	2						
6/ 5																					1						
4/ 3	.4																	2	2	2	2						
2/ 1	1.2																	7	7	7							
0/ -1	.6																	3	3	3	4						
-2/ -3	.6																	3	3	3	3						
-4/ -5	.9																	4	4	4	4						
-6/ -7	1.7	.4																10	10	10	3						
-8/ -9	3.0	.4																16	16	15	1						
-10/-11	3.2																	15	15	16	7						
-12/-13	3.0	.2																15	15	15	14						
-14/-15	4.1	.4																21	21	19	8						
-16/-17	3.4	.2																17	17	19	16						
-18/-19	5.4	.2																26	26	26	10						
-20/-21	7.1																	33	33	33	24						
-22/-23	6.9																	30	30	30	22						
-24/-25	11.8	.6																58	58	57	22						
-26/-27	10.9	.2																50	50	51	31						
-28/-29	5.6	.2																27	27	26	24						
-30/-31	11.0	1.3																57	57	54	38						
-32/-33	7.1	.4																35	35	39	57						
-34/-35	6.9	.4																25	36	25	32						
-36/-37																			35		29						
-38/-39																			33		26						
-40/-41																			14		37						
-42/-43																			21		12						
-44/-45																			10		18						
-46/-47																			13		3						
Element (X)	Σ x ²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 245 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

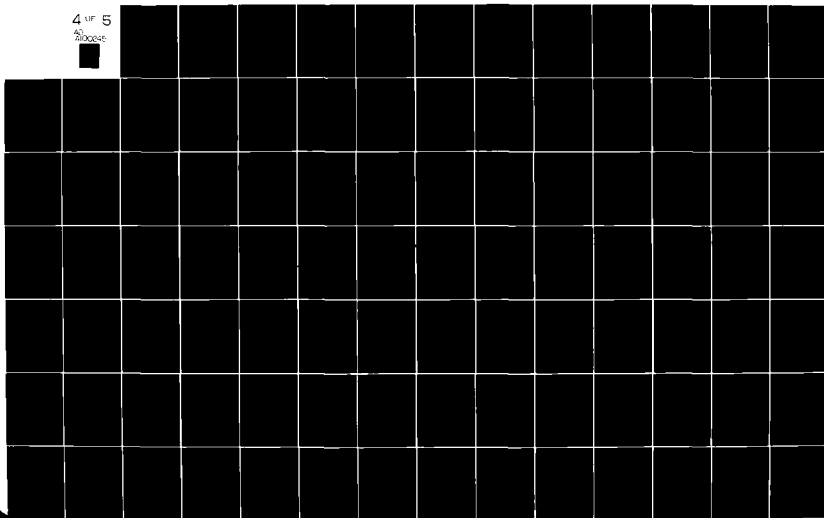
UNCLASSIFIED USAFETAC/DS-81/040

SBIE-AD-E850 067

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4 of 5

AD-A100 245



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

YEARS

JAN
1971

PAGE 2 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-48/-49																			7																
-50/-51																			6																
-52/-53																			3																
-54/-55																			2																
TOTAL	94.2	5.8																465	620	465	465														

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
25/ 17	.2																	1	1	1					
18/ 17																		2	2	3	1				
16/ 15	.4	.2																3	3	2					
14/ 13	.2	.2																2	2	3	1				
12/ 11	.2																	1	1	1	3				
10/ 9	.2																	1	1	1	2				
6/ 5	.4																	2	2	2	1				
4/ 3	.6	.2																4	4	3					
2/ 1	.6																	3	3	4	2				
0/ -1	.8																	4	4	4	1				
-2/ -3	.8																	4	4	4	6				
-4/ -5	1.0	.4																7	7	6	4				
-6/ -7	2.3	.2																12	12	12	4				
-8/ -9	1.7	.2																9	9	9	5				
-10/-11	1.7																	8	8	9	11				
-12/-13	2.7	1.0																18	18	15	5				
-14/-15	4.4	.2																22	22	25	4				
-16/-17	4.8	.4																25	25	24	10				
-18/-19	6.3	.2																31	31	31	13				
-20/-21	6.5	.8																35	35	34	24				
-22/-23	7.1	.6																37	37	37	36				
-24/-25	8.1	.4																41	41	43	29				
-26/-27	8.4																	40	40	40	26				
-28/-29	7.1	.2																35	35	35	33				
-30/-31	10.4	.8																54	54	51	30				
-32/-33	10.0	.2																49	50	51	48				
-34/-35	5.6	.8																31	37	29	28				
-36/-37																			25	3	31				
-38/-39																			35		39				
-40/-41																			17		36				
-42/-43																			13		18				
-44/-45																			21		20				
-46/-47																			6		3				
-48/-49																			4		5				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature																		Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
-50/-51																				6				
-52/-53																				5				
-54/-55																				2				
TOTAL	92.7	7.3																	620	479	479			

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
22/ 21		.2																	1	1				
20/ 19																					1			
18/ 17																						1		
16/ 15		.6																	3	3				
14/ 13																					3			
12/ 11																						1		
10/ 9	.2																		1	1	1	2		
8/ 7	.4	.6																	5	5	2			
6/ 5	.2																		1	1	4	1		
4/ 3																						2		
2/ 1	.6																		3	3	3	4		
0/ -1	1.0	.4																	11	11	10			
-2/ -3																					1	3		
-4/ -5	.8	.2																	5	5	4	6		
-6/ -7	2.5																		12	12	13	5		
-8/ -9	1.0	.2																	6	6	6	3		
-10/-11	2.9	.2																	15	15	14	10		
-12/-13	3.1	.6																	18	18	17	8		
-14/-15	3.3																		16	16	18	5		
-16/-17	4.8																		23	23	23	6		
-18/-19	5.0	.4																	26	26	25	20		
-20/-21	6.0	.4																	31	31	30	23		
-22/-23	8.1	1.2																	45	45	43	27		
-24/-25	8.9	.6																	46	46	48	12		
-26/-27	9.5																		46	46	48	37		
-28/-29	6.8	.4																	35	35	33	25		
-30/-31	9.3	.2																	46	46	48	40		
-32/-33	9.1	.4																	46	47	44	60		
-34/-35	8.3	.2																	47	50	43	25		
-36/-37																				25		45		
-38/-39																				20		32		
-40/-41																				26		24		
-42/-43																				11		26		
-44/-45																				17		19		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-46/-47																			11			3										
-48/-49																			2			6										
-50/-51																			5													
-52/-53																			6			1										
-54/-55																			3													
TOTAL	72.9	7.1																	618	482		482										

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DDT APT
STATION	STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-50/-51																				1		1
-52/-53																				5		1
-54/-55																				3		
-56/-57																				1		
-58/-59																				1		
-60/-61																				1		
TOTAL	92.4	7.6																	472	617		472

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2343996	32966	69.8	9.387	472							
Dry Bulb	532493	-16525	-26.8	12.081	617	91.0	93.0					93
Wet Bulb	284961	-10609	-22.5	9.937	472	90.4	93.0					93
Dew Point	462912	-13786	-29.2	11.311	472	90.6	93.0					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901 RESOLUTE NW1 DDT APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point												
-48/-49																				4		2											
-50/-51																				3													
-52/-53																				1													
-54/-55																				4		1											
-60/-61																				1													
-62/-63																				1													
TOTAL	93.8	6.2																	471	620	471	471											

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
22/ 21			.4															1	1						
20/ 19	.4																	2	2						
18/ 17																					3				
14/ 13	.2																	1	1	1					
12/ 11		.2																1	1						
10/ 9	.7	.2																4	4	4	1				
8/ 7																				1					
6/ 5	.2																	1	1	1	2				
4/ 3	.4																	2	2	2	3				
2/ 1	.4																	2	2	2	1				
0/ -1	.7	.2																4	4	3	2				
-2/ -3	.7																	3	3	4	1				
-4/ -5	2.0	.4																11	11	9	4				
-6/ -7	1.5	.2																8	8	10	4				
-8/ -9	1.5	.4																10	10	9	6				
-10/-11	2.6	.2																13	13	13	6				
-12/-13	4.8	.2																23	23	24	7				
-14/-15	2.6																	12	12	12	10				
-16/-17	4.4	.4																24	24	23	19				
-18/-19	5.5																	25	25	26	19				
-20/-21	5.9	.2																28	28	27	13				
-22/-23	5.7	.2																27	27	28	24				
-24/-25	9.5	.2																44	44	43	26				
-26/-27	10.8	.9																53	53	51	23				
-28/-29	8.8	.2																41	41	44	28				
-30/-31	8.4	.4																40	40	40	30				
-32/-33	7.9	.4																39	41	38	48				
-34/-35	7.3	.4																35	43	36	47				
-36/-37																			47		30				
-38/-39																			28		23				
-40/-41																			27		29				
-42/-43																			12		21				
-44/-45																			15		14				
-46/-47																			13						
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NAT DUT APT
STATION	STATION NAME

57-66

JAN
MONTH

PAGE 2 2100-2300
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-46/-49																			5		6														
-50/-51																			1		1														
-52/-53																			1		3														
-54/-55																			6																
-56/-57																			1																
TOTAL	93.2	6.8																	454	620	454														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2288506	31956	70.4	9.302	454							
Dry Bulb	544479	-16761	-27.012	149	620	90.9	93.0					93
Wet Bulb	268240	-10056	-22.110	022	454	90.1	93.0					93
Dew Point	434659	-13071	-28.811	348	454	91.0	93.0					93

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

YEARS

FEB
MONTH

PAGE 1 0000-0200
HOURS: 11:55 A.M.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
20/ 19	.4																	2	2	2							
18/ 17	.4																	1	1	1							
16/ 15	.4																	1	1	1	2						
14/ 13	.2																	1	1	1	1						
12/ 11	.2																	1	1	1							
8/ 7																					1						
4/ 3	1.4																	4	4	4							
2/ 1	.7																	3	3	3							
0/ -1	.5																	2	2	2	6						
-2/ -3	2.0	.2																10	10	9	3						
-4/ -5	.2	.2																2	2	2	2						
-6/ -7	1.1																	5	5	6	3						
-8/ -9	2.9	.2																14	14	14	6						
-10/-11	3.2	.4																16	16	14	6						
-12/-13	3.4																	15	15	17	8						
-14/-15	5.0	.2																23	23	22	11						
-16/-17	2.5	.5																13	13	12	13						
-18/-19	7.4	.4																36	36	36	15						
-20/-21	7.0																	31	31	33	24						
-22/-23	6.8	.4																33	33	33	16						
-24/-25	8.1	.5																38	38	37	32						
-26/-27	8.1	.5																38	38	39	26						
-28/-29	8.6	.5																40	40	39	25						
-30/-31	9.4																	43	43	44	29						
-32/-33	7.7	.2																32	34	32	36						
-34/-35	8.1	.4																38	43	37	43						
-36/-37																			30	1	43						
-38/-39																			25		24						
-40/-41																			16		27						
-42/-43																			15		13						
-44/-45																			10		23						
-46/-47																			9		1						
-48/-49																			4		1						
-50/-51																			3		1						
Element (X)	$\Sigma x'$	Σx				\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																											
Wet Bulb																											
Dew Point																											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17921 RESOLUTE NWI DOT APY
STATION NAME

57-66

FER

PAGE 2 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-52, -53																								
TOTAL	24.8	5.2																444	564	1	444			

Element (X)	Σ x'	Σ x	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2217469	31105	70.1	9.306	444	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	454312	-14576	-25.8	11.741	564	81.8	84.0					84
Wet Bulb	258508	-9766	-22.0	9.932	444	81.2	84.0					84
Dew Point	422536	-12760	-28.7	11.226	444	82.9	84.0					84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWJ DOT APT
STATION NAME

57-66

FEA
MONTH

PAGE 1 0300-0500
HOURS S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

YEARS

FLR
MONTH

PAGE 2 0300-0500
HOURS 11, 5, 7, 1

USAFETAC
FORM 026-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

YEARS

FEH
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (11 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
22/ 21	.2																	1	1	1											
20/ 19	.2																	1	1	1	1										
18/ 17	.2																	1	1	1	1										
16/ 15																					1										
10/ 9	.2																	1	1	1											
8/ 7	.3																	2	2	2	1										
6/ 5	.9																	4	4	4	1										
4/ 3	.5																	2	2	2	2										
2/ 1																					5										
0/ -1	.5																	2	2	2											
-2/ -3	2.3	.7																13	13	10											
-4/ -5	1.4	.5																5	8	9	3										
-6/ -7	2.1	.2																10	10	12	9										
-8/ -9	2.1	.5																11	11	9	7										
-10/-11	2.3	.5																12	12	13	4										
-12/-13	2.5	.7																14	14	15	11										
-14/-15	3.0	.2																14	14	14	10										
-16/-17	4.4	.2																20	20	20	10										
-18/-19	4.6																	20	20	20	16										
-20/-21	7.8																	34	34	34	19										
-22/-23	8.0	1.1																40	40	35	15										
-24/-25	8.3	.7																39	39	42	21										
-26/-27	8.0	.5																37	37	39	36										
-28/-29	10.3	.9																49	49	48	24										
-30/-31	6.4	.5																30	30	29	29										
-32/-33	7.1	1.1																36	36	36	37										
-34/-35	7.3	.7																35	42	36	52										
-36/-37																			46	1	25										
-38/-39																			26		22										
-40/-41																			19		39										
-42/-43																			10		12										
-44/-45																			8		17										
-46/-47																			11		2										
-48/-49																			2		1										
Element (X)	Σx^2	Σx	$\bar{x$																												

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DMT APT
STATION STATION NAME

57-66

YEARS

FEB
MONTH

PAGE 2 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point	
-50/-51																						
-52/-53																						
-54/-55																						
TOTAL	71.1	8.9																436	564	436	436	
																		</				

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

FEB

MONTH

PAGE 1 0900-1100
HOURS (L, S, T, J)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
26/ 25	.2																	1	1	1															
24/ 23	.4																	2	2	2	2														
22/ 21	.6																				1														
12/ 11	.4																	2	2	2															
10/ 9	.7																	3	3	3															
8/ 7	.2																	1	1	1	3														
6/ 5																					3														
2/ 1	.2																	1	1	1															
0/ -1	.9																	4	4	4	1														
-2/ -3	2.0	.2																10	10	9															
-4/ -5	1.1	.7																8	8	9	3														
-6/ -7	1.6	.5																9	9	9	8														
-8/ -9	1.6																	7	7	7	5														
-10/-11	2.5	.9																15	15	12	6														
-12/-13	3.2	.2																15	15	17	10														
-14/-15	3.9	.2																18	18	18	8														
-16/-17	4.1	.2																19	19	20	13														
-18/-19	5.0																	22	22	22	17														
-20/-21	6.8	1.1																35	35	34	20														
-22/-23	9.5	.5																44	44	43	18														
-24/-25	9.1	.7																43	43	43	17														
-26/-27	5.7	.2																26	26	28	26														
-28/-29	9.8	2.3																53	53	48	32														
-30/-31	7.7	.2																35	32	39	41														
-32/-33	8.8																	39	39	40	31														
-34/-35	6.6																	29	24	29	43														
-36/-37																			19		35														
-38/-39																			21		35														
-40/-41																			20		32														
-42/-43																			13		14														
-44/-45																			11		12														
-46/-47																			5		3														
-48/-49																			4		1														
-50/-51																			1																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT QNT APT
STATION STATION NAME

57-66

YEARS

FER
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
-52/-53																		1		1				
-54/-55																		2						
TOTAL	2.1	7.9																441	563	441				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE INVT DOT APT
STATION	STATION NAME

57-66

FER
MONTH

PAGE 1 1200-1400
HOURS (S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
26/ 25	.2																	1	1	1												
24/ 23	.2																	1	1	1	2											
22/ 21	.2																	1	1	1	1											
10/ 9	.7																	3	3	3												
8/ 7	.2																	1	1	1												
6/ 5	.2																	1	1	1	4											
4/ 3	.2																	1	1	1												
2/ 1	.9	.2																5	5	4	2											
0/ -1	.9																	4	4	3												
-2/ -3	1.6	.7																10	10	8	2											
-4/ -5	1.1																	5	5	7	7											
-6/ -7	1.4	.5																8	8	7	2											
-8/ -9	1.6	1.1																12	12	11	6											
-10/-11	4.1	.5																20	20	21	7											
-12/-13	3.4	.2																16	16	17	7											
-14/-15	3.2																	14	14	14	12											
-16/-17	3.2																	14	14	14	20											
-18/-19	4.3	.2																20	20	20	22											
-20/-21	5.5	.2																25	25	25	15											
-22/-23	8.0	.7																38	38	37	14											
-24/-25	11.2	.2																50	50	50	11											
-26/-27	6.6	1.4																35	35	34	24											
-28/-29	10.3	1.1																50	50	50	24											
-30/-31	8.9	.5																41	41	43	38											
-32/-33	7.3																	32	32	32	35											
-34/-35	7.1																	31	33	31	42											
-36/-37																			38		37											
-38/-39																			32		36											
-40/-41																			20		39											
-42/-43																			6		11											
-44/-45																			12		12											
-46/-47																			2		1											
-48/-49																			6		1											
-50/-51																			2		1											
Element (X)	Σx^2	Σx	$\$																													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS _____ FEB _____ MONTH
 PAGE 2 1200-1400
 HOURS L S T

17901	RESOLUTE NWY OUT APT
STATION	STATION NAME

57-66

FER
MONTH

YEARS

PAGE 2 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-52/-53																				1															
-54/-55																				2		2													
-56/-57																					2														
TOTAL	92.5	7.4																		564	439	439													
																			439		439														
													</																						

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901	RESOLUTE NWT DIST APT
STATION	STATION NAME

57-66

FEA
MONTH

PAGE 2 1500-1700
HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

FEA
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17921 RESOLUTE GWT DOT APT
STATION STATION NAME

57-66

FEB
MONTH

Y E A R S

PAGE 2 1800-2000
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION NAME

57-66

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
12/ 11	.2																		1	1	1					
10/ 9	.5																		2	2	2					
8/ 7	.3																		2	2	2					
6/ 5	.2																		1	1	1					
4/ 3	.7																		3	3	3					
2/ 1	1.2																		5	5	5					
0/ -1	.2																		1	1	1					
-2/ -3	.9																		4	4	4					
-4/ -5	2.3	.7																	13	13	11					
-6/ -7	3.3	.2																	15	15	16					
-8/ -9	2.6	.2																	12	12	13					
-10/-11	1.6	.2																	8	8	8					
-12/-13	3.0																		13	13	13					
-14/-15	5.6	.2																	25	25	24					
-16/-17	4.4																		19	19	20					
-18/-19	4.2	.7																	21	21	21					
-20/-21	5.3	.7																	26	26	24					
-22/-23	6.0	.7																	29	29	31					
-24/-25	8.8	.2																	39	39	39					
-26/-27	9.8	.2																	43	43	42					
-28/-29	8.1	.7																	38	38	37					
-30/-31	10.9	.7																	50	50	51					
-32/-33	7.0	.2																	31	33	31					
-34/-35	6.5	.2																	29	38	30					
-36/-37																				39						
-38/-39																				28						
-40/-41																				21						
-42/-43																				13						
-44/-45																				3						
-46/-47																				6						
-48/-49																				7						
-50/-51																				5						
-52/-53																										
-56/-57																										
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WPT OUT APT
STATION NAME

57-66

FFF
MINI

YEARS

PAGE 2

2100-2300
HOURS L. S. T.

Temp.		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL				
F		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-60/-61	TOTAL	4.0	6.0																															430	563		1
																																				430	430
Element X	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature										Total																					
Rel. Hum.	2130014	29975	69.7	9.714	430	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb	459142	-14696	-26.1	11.593	563	81.9	84.0					84																									
Wet Bulb	247751	-9437	-21.9	9.733	430	81.3	84.0					84																									
Dew Point	410201	-12379	-28.8	11.202	430	82.8	84.0					84																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

57-66

17901	RESOLUTE NOT OUT APT
STATION	STATION NAME

MAR
MONTH

PAGE 1 0000-0200

HOURS 14.5-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
10/ 9	.2																	1	1	1												
8/ 7																					1											
6/ 5	.2																	1	1	1												
4/ 3	.8																	4	4	4												
2/ 1	.4	.2																3	3	2	3											
0/ -1	1.8																	9	9	10	3											
-2/ -3	1.6	.4																10	10	8	2											
-4/ -5	2.4																	12	12	14	7											
-6/ -7	1.0																	5	5	5	10											
-8/ -9	2.4																	12	12	12	10											
-10/-11	3.0	.4																17	17	15	7											
-12/-13	3.2																	16	16	18	10											
-14/-15	1.6	.2																9	9	8	10											
-16/-17	4.6	.2																24	24	24	16											
-18/-19	6.0																	30	30	31	14											
-20/-21	5.8	.4																31	31	30	11											
-22/-23	7.8	.2																40	40	40	22											
-24/-25	9.0	.4																47	47	48	27											
-26/-27	5.6	.6																31	31	29	28											
-28/-29	7.8	1.0																44	44	45	29											
-30/-31	10.8	.2																54	54	54	40											
-32/-33	10.6	.2																54	54	54	31											
-34/-35	9.2																	46	53	47	41											
-36/-37	.2																	1	48	1	39											
-38/-39																			27		41											
-40/-41																			13		52											
-42/-43																			13		20											
-44/-45																			8		17											
-46/-47																			3		2											
-48/-49																					6											
-50/-51																			1													
-52/-53																					1											
TOTAL	35.6	4.4																501	620	501	500											

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2483394	34955	69.9	9.919	500	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	487704	-16064	-25.9	10.747	620	91.7	93.0					93
Wet Bulb	308655	-11473	-22.9	9.583	501	91.5	93.0					93
Dew Point	497915	-14787	-29.6	11.021	500	92.3	93.0					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

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MONIN

PAGE 1 0300-0500
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
14/ 13	.2																	1	1	1												
10/ 9																					1											
8/ 7	.2																	1	1	1												
4/ 3	.4																	2	2	2	1											
2/ 1	1.0																	8	8	8												
0/ -1	.6																	3	2	3	6											
-2/ -3	2.2	.2																12	12	11	4											
-4/ -5	2.2	.4																13	13	12	3											
-6/ -7	.6	.2																4	4	6	11											
-8/ -9	3.4																	17	17	17	10											
-10/-11	3.0	.4																17	17	17	7											
-12/-13	2.0																	10	10	10	10											
-14/-15	2.2	.2																12	12	12	12											
-16/-17	3.0	.2																16	16	15	19											
-18/-19	7.7	.2																39	39	39	9											
-20/-21	7.3	.4																38	38	37	10											
-22/-23	4.0	.2																21	21	22	27											
-24/-25	8.9	.2																45	45	45	27											
-26/-27	8.7	.2																44	44	45	31											
-28/-29	6.3	.4																33	33	32	18											
-30/-31	10.5	1.2																58	59	55	29											
-32/-33	8.7	.2																44	45	47	38											
-34/-35	10.7	.2																54	60	55	34											
-36/-37	.4																	2	51	2	52											
-38/-39																			26		33											
-40/-41																			18		47											
-42/-43																			11		19											
-44/-45																			10		27											
-46/-47																			3		2											
-48/-49																			1		5											
TOTAL	95.1	4.9																494	620	494	492											
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																										

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWY DDT APT
STATION

57-66

MAR
MONTHPAGE 1 0600-0800
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/-	9	.2																1	1	1															
8/-	7	.4																1	1	1	1														
4/-	3	.6																3	3	3	1														
2/-	1	1.2																6	6	6															
0/-	-1	1.0	.2															6	6	5	5														
-2/-	-3	2.4	.2															13	13	14	3														
-4/-	-5	.8	.6															7	7	5	5														
-6/-	-7	1.4	.2															8	8	10	14														
-8/-	-9	3.2	.2															17	17	16	7														
-10/-	-11	2.4																12	12	13	7														
-12/-	-13	1.6	.2															9	9	9	9														
-14/-	-15	4.4	.2															23	23	24	15														
-16/-	-17	4.0																20	20	20	7														
-18/-	-19	4.4	.6															25	25	22	12														
-20/-	-21	5.3	.2															28	28	30	25														
-22/-	-23	5.7	.6															32	32	31	22														
-24/-	-25	7.4	.4															42	42	43	19														
-26/-	-27	8.5	.2															44	44	45	26														
-28/-	-29	10.1	.4															53	53	52	20														
-30/-	-31	11.1	.6															59	59	59	31														
-32/-	-33	9.5	.4															50	50	51	46														
-34/-	-35	8.7	.2															45	51	45	40														
-36/-	-37	.2																1	44	1	52														
-38/-	-39																		28		45														
-40/-	-41																		19		44														
-42/-	-43																		8		17														
-44/-	-45																		8		22														
-46/-	-47																		1		2														
-48/-	-49																		2		3														
-50/-	-51																				2														
-54/-	-55																				1														
-56/-	-57																				1														
TOTAL	74.7	5.3																305	620	505	504														
Element (X)	ΣX ²	ΣX	̄X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2487721	35101	69.6	9.259	504	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	486177	-16053	-25.9	10.667	620	91.4	93.0					93																							
Wet Bulb	314332	-11636	-23.0	9.576	505	91.0	93.0					93																							
Dew Point	509047	-13013	-29.8	11.088	504	92.6	93.0					93																							

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

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PAGE 1 0900-1100
HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
8/ 7			.2															1	1	1						
6/ 5		.2																1	1	1						
4/ 3		1.1																6	6	6	1					
2/ 1		1.7	.2															10	10	10	2					
0/ -1		1.3	.2															9	8	7	6					
-2/ -3		.2	.4															3	3	3	9					
-4/ -5		1.5	.2															9	9	9	6					
-6/ -7		2.6																14	14	15	4					
-8/ -9		2.3																12	12	12	7					
-10/-11		1.9	.6															13	13	13	7					
-12/-13		2.8	.4															17	17	17	18					
-14/-15		2.8	.2															16	16	16	7					
-16/-17		3.8	.4															22	22	21	13					
-18/-19		4.5	.6															27	27	27	16					
-20/-21		5.1	.9															32	32	30	13					
-22/-23		7.0	.9															42	42	42	18					
-24/-25		10.3																55	55	58	22					
-26/-27		9.6	.6															54	54	52	30					
-28/-29		9.0	.8															52	53	53	30					
-30/-31		9.6	.6															54	54	52	49					
-32/-33		8.8	.4															49	49	52	48					
-34/-35		6.2	.4															35	41	35	56					
-36/-37																			32		47					
-38/-39																			16		44					
-40/-41																			17		43					
-42/-43																				11	11					
-44/-45																				5	12					
-46/-47																					2					
-48/-49																					6					
-50/-51																					1					
-52/-53																					3					
-54/-55																					1					
TOTAL	92.3	7.7																532	620	532	532					
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.	2591787	36755	69.2	9.483																						

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DNT APT
STATION STATION NAME

57-66

YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
12/ 11	.2																			1	1	1	
8/ 7	.4																			1	1	1	1
6/ 5	.7																			4	4	4	1
4/ 3	1.2																			7	7	7	
2/ 1	1.4																			9	8	8	6
0/ -1	1.1																			6	6	6	8
-2/ -3	1.6	.2																		10	10	9	5
-4/ -5	1.2																			7	7	8	7
-6/ -7	1.6	.4																		11	11	10	5
-8/ -9	2.3	.4																		15	15	16	7
-10/-11	2.5	.5																		17	17	14	9
-12/-13	3.9	.2																		23	23	26	15
-14/-15	4.8	.4																		29	29	27	10
-16/-17	2.8	.2																		17	17	18	15
-18/-19	4.6	.5																		29	29	28	23
-20/-21	6.4	.7																		40	40	41	21
-22/-23	7.6	1.1																		49	49	48	21
-24/-25	8.2	.4																		48	48	48	29
-26/-27	11.2	.9																		68	68	67	28
-28/-29	9.1	.7																		55	55	57	37
-30/-31	9.9	.4																		58	58	59	37
-32/-33	5.5																			31	31	31	58
-34/-35	5.2																			29	33	29	61
-36/-37																					23		50
-38/-39																					13		37
-40/-41																					7		39
-42/-43																					8		16
-44/-45																					2		8
-46/-47																							1
-48/-49																							5
-50/-51																							2
-54/-55																							1
TOTAL	93.3	6.7																		563	620	563	563
Element (X)	Σ x'	Σ x	̄x	s ²	No. Obs.	Mean No. of Hours with Temperature							Total										
Rel. Hum.	2748061	38991	69.3	9.214	563	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb	397485	-14327	-23.1	10.338	620	89.9	93.0						93										
Wet Bulb	314205	-12171	-21.6	9.535	563	89.5	93.0						93										
Dew Point	525851	-16073	-28.5	10.917	563	91.7	93.0						93										

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WAT DOT APT
STATION

57-66

YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
12/ 11	.2																	1	1	1				
10/ 9	.2																	1	1	1	1			
8/ 7	.2																	1	1	1				
6/ 5	.4																	5	5	5	1			
4/ 3	1.4																	8	8	8	3			
2/ 1	1.2																	7	7	7	7			
0/ -1	.9																	5	5	5	6			
-2/ -3	1.4	.2																9	9	9	5			
-4/ -5	1.2	.2																8	8	9	6			
-6/ -7	1.8																	10	10	10	4			
-8/ -9	3.3																	20	20	20	12			
-10/-11	2.3	.2																14	14	13	8			
-12/-13	4.4																	25	25	26	16			
-14/-15	3.0	.7																21	21	18	7			
-16/-17	5.1	.2																30	30	33	13			
-18/-19	4.1	.5																26	26	23	22			
-20/-21	5.3	.5																33	33	34	24			
-22/-23	8.3	.9																53	53	54	25			
-24/-25	8.3	.4																50	50	50	22			
-26/-27	10.3																	58	58	59	31			
-28/-29	8.3	.2																48	48	48	32			
-30/-31	9.0	.7																55	55	54	40			
-32/-33	8.3	.5																50	50	48	46			
-34/-35	4.6																	26	31	29	57			
-36/-37																			19		48			
-38/-39																			7		49			
-40/-41																			14		45			
-42/-43																			11		12			
-44/-45																					9			
-46/-47																					4			
-48/-49																					1			
-50/-51																					1			
-52/-53																					1			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

MAP
MONTH

PAGE 2 1500-1700
HOURS L. S. T.

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

57-66

YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
14/ 13	.2																	1	1	1															
10/ 9	.2																	1	1	1	1														
8/ 7	.2																	1	1	1	1														
6/ 5	.2																	4	4	4															
4/ 3	.2																	4	4	4	3														
2/ 1	1.5	.2																9	9	8	3														
0/ -1	1.1																	6	6	7	5														
-2/ -3	1.9																	10	10	10	6														
-4/ -5	.9																	5	5	5	7														
-6/ -7	2.2																	12	12	12	9														
-8/ -9	2.6	.2																15	15	14	5														
-10/-11	2.6	.2																15	15	16	9														
-12/-13	1.7	.2																10	10	10	15														
-14/-15	4.1	.9																27	27	27	6														
-16/-17	5.4	.4																31	31	30	13														
-18/-19	4.3	.4																25	25	24	13														
-20/-21	5.0	.4																29	29	31	21														
-22/-23	7.8	.9																47	47	45	32														
-24/-25	7.4	.4																42	42	42	23														
-26/-27	9.7	.4																54	54	55	29														
-28/-29	9.3	.2																51	51	52	33														
-30/-31	9.5	.7																55	55	53	30														
-32/-33	8.4	.2																46	46	47	47														
-34/-35	6.5																	35	40	36	48														
-36/-37	.4																	2	36	2	54														
-38/-39																			14		37														
-40/-41																			10		49														
-42/-43																			15		14														
-44/-45																			4		18														
-46/-47																			1		3														
-54/-55																					1														
TOTAL	94.4	5.6																537	620	537	535														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2628068	37196	69.5	8.869	535	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	438524	-15068	-24.3	10.809	620	90.0	93.0					93
Wet Bulb	314162	-11878	-22.1	9.796	537	89.7	93.0					93
Dew Point	313246	-15456	-28.9	11.178	535	91.6	93.0					93

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

YEARS

MAR
MONTH

PAGE 1 2100-2300
HOURS S I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
14/ 13	.2																	1	1	1															
13/ 9																					1														
6/ 5	.2																	1	1	1															
4/ 3	1.0																	4	3	4	1														
2/ 1	1.2	.2																7	7	7	3														
0/ -1	1.7																	9	9	9	6														
-2/ -3	1.2																	6	6	6	3														
-4/ -5	2.1	.2																12	12	11	8														
-6/ -7	2.1																	11	11	12	9														
-8/ -9	1.9	.2																11	11	12	6														
-10/-11	2.1																	11	11	12	12														
-12/-13	2.7	.2																15	15	14	9														
-14/-15	3.5	.2																19	19	20	9														
-16/-17	6.4	.6																36	36	34	13														
-18/-19	4.3	1.0																27	27	27	14														
-20/-21	4.8	.4																27	27	29	22														
-22/-23	8.5	.2																45	45	46	29														
-24/-25	7.9	.6																44	44	43	23														
-26/-27	7.9	.4																43	43	43	26														
-28/-29	8.7	.8																49	49	48	35														
-30/-31	11.6	.8																63	63	63	33														
-32/-33	6.8	.4																37	37	38	43														
-34/-35	7.2																	37	43	39	42														
-36/-37	.2																	1	38	1	46														
-38/-39																			29		47														
-40/-41																			12		46														
-42/-43																			5		12														
-44/-45																			12		11														
-46/-47																			2		3														
-48/-49																					2														
-50/-51																					1														
-52/-53																					1														
TOTAL	94.2	5.8																317	620	517	516														
Element (X)	Σ x'	Σ x	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	2586421	36247	70.2	8.836	516	≤ 0																													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STAT 04	STATION NAME

57-66

YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

0000-0201
MOORE H. E. T. J.

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
16/ 15	.2																		1	1	1								
14/ 13	.7	.2																	5	5	5								
12/ 11	1.0	.2																	7	7	6	3							
10/ 9	.5	1.4																	11	11	8	3							
8/ 7	.3	.3																	4	4	4	6							
6/ 5	.9	.2																	6	6	7	5							
4/ 3	2.7	1.0																	22	22	21	5							
2/ 1	2.4	.7																	18	18	20	7							
0/ -1	2.9	1.0																	23	23	22	14							
-2/ -3	4.8	1.5																	37	37	37	17							
-4/ -5	4.1	.7																	28	28	28	22							
-6/ -7	3.2	.3																	21	21	22	23							
-8/ -9	6.1	.2																	37	37	39	39							
-10/-11	6.1	.7																	40	40	39	20							
-12/-13	5.1	.7																	34	34	34	31							
-14/-15	5.8	.7																	38	38	35	27							
-16/-17	4.9	1.5																	38	38	37	38							
-18/-19	6.8	.5																	43	43	48	33							
-20/-21	5.6	1.0																	39	39	36	26							
-22/-23	6.1	.5																	39	39	41	36							
-24/-25	5.3	.2																	32	32	33	30							
-26/-27	2.2																		13	13	13	44							
-28/-29	3.6	.3																	23	23	22	35							
-30/-31	1.5	.7																	13	13	13	37							
-32/-33	1.4	.2																	9	9	10	25							
-34/-35	.5																		3	4	3	18							
-36/-37																				4		20							
-38/-39																				5		6							
-40/-41																				4		8							
-42/-43																						5							
-48/-49																						1							
TOTAL	15,015.0																		586	600	586	586							

Element (X)	$\Sigma x'$	Σx
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
14/ 13	.5																	3	3	3							
12/ 11	.4	.9																10	10	4							
10/ 9	.2	.7																5	5	7	2						
8/ 7	.5	.9																6	6	7	7						
6/ 5	1.2	.3																9	9	9	5						
4/ 3	2.2	.3																16	16	15	8						
2/ 1	3.1	.2																19	19	21	8						
0/ -1	3.3	2.2																32	32	24	5						
-2/ -3	4.3	.7																27	29	34	22						
-4/ -5	2.7	.5																19	19	22	26						
-6/ -7	4.3	.3																28	28	27	19						
-8/ -9	4.6	1.0																33	33	31	32						
-10/-11	5.7	1.2																40	40	41	22						
-12/-13	5.0	.5																32	32	33	31						
-14/-15	5.1	.5																33	33	32	20						
-16/-17	4.6	.5																30	30	31	36						
-18/-19	6.7	1.4																47	47	45	36						
-20/-21	5.7	1.4																41	41	42	33						
-22/-23	6.3	.5																40	40	41	25						
-24/-25	6.0	.7																39	39	38	28						
-26/-27	3.3	.2																20	20	21	43						
-28/-29	2.2	.3																15	15	15	32						
-30/-31	2.4	.5																17	17	16	42						
-32/-33	2.7	.2																17	17	19	26						
-34/-35	.5																	3	3	3	26						
-36/-37																			10		13						
-38/-39																			4		17						
-40/-41																			3		11						
-42/-43																					6						
-44/-45																					2						
TOTAL	4.2	15.8																583	600	583	583						
Element (X)	Zx'	Zx	X	Xs	No. Obs.	Mean No. of Hours with Temperature										Total											
Rel. Hum.	3054370	41978	72.0	7.393	583	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb	196131	-8377	-14.0	11.497	600	79.8	90.0																				
Wet Bulb	173781	-7829	-13.4	10.860	583	79.5	90.0																				
Dew Point	310226	-11512	-19.7	11.935	583	85.4	90.0																				

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DMT APT
STATION NAME

57-66

YEARS

APR

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
18/ 17			.2																1	1																	
16/ 15		.3	.3																4	4	5																
14/ 13		.3	1.4																11	11	6	1															
12/ 11		.3	.3																4	4	4	5															
10/ 9		1.0	1.4																14	14	10	3															
8/ 7		1.5	1.5																18	18	18	6															
6/ 5		1.4	1.0																14	14	14	13															
4/ 3		1.7	1.2																17	17	22	12															
2/ 1		2.5	1.7																25	25	23	12															
0/ -1		3.2	1.2																26	26	24	18															
-2/ -3		4.4	2.0																38	38	34	27															
-4/ -5		4.4	.5																29	29	36	23															
-6/ -7		5.2	.3																33	33	33	22															
-8/ -9		5.4	.2																33	33	34	41															
-10/-11		4.6	.7																31	31	29	36															
-12/-13		6.4	.5																41	41	42	23															
-14/-15		6.4	.7																42	42	42	21															
-16/-17		4.7	.3																30	30	30	30															
-18/-19		6.3	.8																42	42	40	37															
-20/-21		6.1	.3																38	38	40	41															
-22/-23		5.2	.2																37	37	32	28															
-24/-25		3.7	.2																23	23	23	29															
-26/-27		2.7																	16	16	17	40															
-28/-29		1.7																	10	10	10	26															
-30/-31		1.7	.3																12	12	12	35															
-32/-33		.8	.2																6	6	6	14															
-34/-35		.3																	2	2	2	17															
-36/-37																				3		12															
-38/-39																				3		8															
-40/-41																				2		3															
-42/-43																						1															
-44/-45																						1															
TOTAL	2.6	17.4																	592	600	592	592															
Element (X)	Z _x	Z _x	Z _x	Z _x	No. Obs.	Mean No. of Hours with Temperature										Total																					
Rel. Hum.	3176898	43124	72.6	7.756	592	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb	148870	-6430	-10.7	11.554	600	73.8	90.0							90																							
Wet Bulb	137702	-6230	-10.5	11.048	592	73.9	90.0							90																							
Dew Point	252694	-9876	-16.7	12.194	592	82.1	90.0							90																							

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NET OCT 4PT
STATION NAME

57-66

APR
MONTH

PAGE 1 1200-1400
HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PLATE 5

57-66

APR
1964

PAGE 1 1500-1700

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE WY DOT APT
STATION	STATION NAME

57-66

APP

PAGE 2 1500-1700
HOURS S. T.

[illegible]

USAFETAC
FORM JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWI	DOT APT
STATION		STATION NAME

27-66

APR
MONTH

YEARS

PAGE 2 1900-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEAR

57-66

APR
MAY

PAGE 1 2100-2300
HQ-RS S-T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
18/ 17	.4																	1	1	1															
16/ 15		.2																1	1																
14/ 13	.7	.3																4	4	4	1														
12/ 11	1.4	.7																12	12	11	1														
10/ 9		.7																4	4	5	5														
8/ 7	.3	1.0																3	8	1	9														
6/ 5	1.4	.7																12	12	16	2														
4/ 3	3.7	1.0																28	28	26	6														
2/ 1	3.2	1.2																26	26	26	12														
0/ -1	4.4	1.2																33	33	31	21														
-2/ -3	3.2	1.3																28	28	29	21														
-4/ -5	4.2	.9																28	28	30	37														
-6/ -7	4.1	.7																28	28	28	23														
-8/ -9	5.3	.9																33	33	34	31														
-10/-11	6.0	.9																42	42	42	26														
-12/-13	6.3	.8																42	42	40	28														
-14/-15	5.6	1.3																42	42	38	28														
-16/-17	4.9	1.7																39	39	40	29														
-18/-19	5.6	1.0																39	39	43	43														
-20/-21	6.3	.8																42	42	41	26														
-22/-23	3.9																	23	23	25	37														
-24/-25	2.4	.2																19	19	19	30														
-26/-27	3.1	.2																19	19	18	57														
-28/-29	1.9	.2																10	10	11	25														
-30/-31	2.4																	14	14	14	24														
-32/-33	1.2																	7	7	7	15														
-34/-35	1.0	.3																8	9	6	13														
-36/-37																			6	2	13														
-38/-39																			1		6														
-40/-41																			2		8														
-42/-43																					5														
-44/-45																					8														
TOTAL	12.7	17.3																590	600	590	590														
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.																														

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WWT DDT APT
STATION NAME

57-66

YEARS

MAY
MONTH

PAGE 1 0300-0900

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb			Wet Bulb Dew Point						
32/ 31	.7	.4																8	8	7	3						
30/ 29	.1	.9																7	7	2	5						
28/ 27	.3	.7																7	7	12	1						
26/ 25	1.5	2.1																24	24	18	13						
24/ 23	2.3	3.8																42	42	32	16						
22/ 21	3.4	1.9	.1															37	37	44	31						
20/ 19	4.1	4.4																58	58	55	32						
18/ 17	4.3	3.7																54	54	55	48						
16/ 15	2.8	2.1																33	33	40	38						
14/ 13	1.3	2.6																27	27	20	41						
12/ 11	3.4	3.2																45	45	40	36						
10/ 9	5.6	3.1																59	59	65	23						
8/ 7	6.5	2.1																58	58	62	30						
6/ 5	4.2	1.0																35	35	39	56						
4/ 3	2.3	1.5																26	26	22	59						
2/ 1	2.5	1.3																26	26	31	36						
0/ -1	2.8	1.5																29	29	27	30						
-2/ -3	2.8	.7																24	24	28	29						
-4/ -5	2.2	.9																21	21	16	24						
-6/ -7	2.5	.7																22	22	26	23						
-8/ -9	1.9	.4																16	16	16	22						
-10/-11	1.5	.3																12	12	13	19						
-12/-13	.9																	6	6	6	19						
-14/-15	.3																	2	2	2	27						
-16/-17	.3																	2	2	2	6						
-18/-19	.3																	2	2	2	9						
-20/-21																						1					
-22/-23																							3				
-24/-25																								1			
-26/-27																									1		
TOTAL	60.6	39.3	.1															682	682	682	682						
Element (X)	Σ x'	Σ x	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature							Total														
Rel. Hum.	4556014	55500	81.4	7.618	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb	148763	7075	10.4	10.320	682	18.5	93.0						93														
Wet Bulb	141242	6795	10.0	10.392	682	18.8	93.0						93														
Dew Point	116312	3940	3.8	11.721	682	29.2	93.0						93														

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
32/ 31	.9	.7																		11	11	9	3											
30/ 29	.3	.6																		6	6	6	7											
28/ 27	.4	1.4																		15	15	9	5											
26/ 25	1.2	2.2	.1																	24	24	26	14											
24/ 23	2.5	4.4																		47	47	37	15											
22/ 21	3.4	4.0																		50	50	52	31											
20/ 19	4.1	4.0																		55	55	54	50											
18/ 17	3.1	1.8	.1																	34	34	40	43											
16/ 15	4.3	2.5																		46	46	45	37											
14/ 13	2.2	3.4																		38	38	36	35											
12/ 11	4.8	4.1																		61	61	56	42											
10/ 9	6.0	1.9																		54	54	62	28											
8/ 7	5.1	1.8																		47	47	51	43											
6/ 5	2.8	2.2																		34	34	33	62											
4/ 3	2.3	1.5																		26	26	26	51											
2/ 1	2.3	.9																		22	22	22	28											
0/ -1	2.8	1.5																		29	29	32	25											
-2/ -3	1.6	.7																		16	16	17	32											
-4/ -5	2.8	.7																		24	24	23	26											
-6/ -7	1.9	.9																		19	19	17	20											
-8/ -9	1.6																			11	11	16	18											
-10/-11	1.0																			7	7	7	17											
-12/-13	.3	.1																		3	3	2	23											
-14/-15	.1	.1																		2	2	2	13											
-16/-17		.1																		1	1	2	5											
-18/-19																							4											
-20/-21																							2											
-22/-23																							1											
-24/-25																							2											
TOTAL	57.9	41.8	.3																	682	682	682	682											
Element (X)		Σ x'		Σ x		x̄		c _x																										

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DQT APT
STATION

57-66

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
32/ 31	.9	1.5	.1															17	17	10	4				
30/ 29	.4	1.8																15	15	12	8				
28/ 27	.9	2.6																24	24	24	13				
26/ 25	1.9	4.6	.1															45	45	37	15				
24/ 23	2.1	4.0																41	41	40	42				
22/ 21	3.2	4.8																55	56	56	26				
20/ 19	3.1	3.5																45	45	47	49				
18/ 17	2.9	3.4	.1															44	44	49	41				
16/ 15	4.1	5.0																62	62	55	41				
14/ 13	2.8	4.8																52	52	47	39				
12/ 11	3.2	2.9																42	42	55	54				
10/ 9	4.0	3.1																48	48	44	37				
8/ 7	2.8	2.2																34	34	39	46				
6/ 5	3.1	1.5																31	31	36	44				
4/ 3	2.5	1.8																28	28	23	40				
2/ 1	2.1	.9																20	20	27	27				
0/ -1	1.3	1.3																18	18	15	30				
-2/ -3	1.9	1.5																23	23	22	25				
-4/ -5	1.8	.6																16	16	18	18				
-6/ -7	1.3	.3																12	12	15	12				
-8/ -9	.6																	4	4	5	24				
-10/-11	.3	.1																3	3	3	17				
-12/-13		.3																2	2		19				
-14/-15																				2	4				
-16/-17																					3				
-18/-19																					1				
-22/-23																					2				
TOTAL	47.3	52.3	.4															681	682	681	681				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901

RESOLUTE NWT DDT APT

57-66

MAY

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
34/ 33			.4															3	3	3							
32/ 31		.7	2.2															20	20	11	5						
30/ 29		.9	2.6															24	24	21	17						
28/ 27	1.6	4.0																38	38	30	13						
26/ 25	1.6	3.4																48	48	46	24						
24/ 23	2.9	6.6																65	65	63	44						
22/ 21	2.8	4.1																47	47	54	42						
20/ 19	2.6	4.6																49	49	46	38						
18/ 17	3.4	4.7																55	55	57	47						
16/ 15	3.1	5.3																57	57	59	33						
14/ 13	2.9	3.2																42	42	46	49						
12/ 11	4.3	4.4																59	59	52	32						
10/ 9	2.3	3.7																41	41	46	46						
8/ 7	2.6	2.3																34	34	38	39						
6/ 5	2.6	.6																22	22	28	46						
4/ 3	1.5	1.2																18	18	20	38						
2/ 1	1.2	1.3																17	17	17	28						
0/ -1	1.2	1.6																19	19	18	21						
-2/ -3	1.5	.1																11	11	14	15						
-4/ -5	1.0	.3																9	9	9	14						
-6/ -7	.4																	3	3	3	24						
-8/ -9																					16						
-10/-11																					6						
-12/-13																					3						
-14/-15																					1						
TOTAL	41.358.7																	681	681	681	681						
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total														
Rel. Hum.	4609117	55789	81.9	7.590	681	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																
Dry Bulb	232727	11043	16.2	8.683	681	5.7	92.6					93															
Wet Bulb	217016	10602	15.6	8.741	681	6.0	92.6					93															
Dew Point	161592	7942	11.7	10.071	681	12.7	93.0					93															

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DMT APT
STATION

57-66

YEARS

MAY
MONTHPAGE 1 1800-2000
HOURS ALL S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
36/ 35		.3																2	2						
34/ 33		.4																3	3						
32/ 31		1.2																8	8		2				
30/ 29	.6	2.6																22	22	14	9				
28/ 27	.6	3.7																29	29	24	18				
26/ 25	2.3	4.5																47	47	43	20				
24/ 23	2.8	4.1																47	47	46	43				
22/ 21	4.0	4.7																59	59	69	39				
20/ 19	2.6	6.5																63	63	50	49				
18/ 17	3.1	4.5																52	52	54	48				
16/ 15	3.2	5.1																57	57	51	52				
14/ 13	2.6	3.5																42	42	53	35				
12/ 11	3.7	2.8																44	44	46	48				
10/ 9	3.5	4.7																56	56	48	46				
8/ 7	1.6	2.2																26	26	35	43				
6/ 5	2.5	2.1																31	31	29	47				
4/ 3	1.5	1.2																18	18	26	27				
2/ 1	1.6	1.6																22	22	19	31				
0/ -1	1.3	1.5																19	19	21	24				
-2/ -3	1.9	.6																17	17	19	26				
-4/ -5	1.8	.4																15	15	15	14				
-6/ -7	.3	.1																3	3	4	23				
-8/ -9																					19				
-10/-11																					15				
-12/-13																					2				
-14/-15																					2				
TOTAL	41.6	58.4																682		682	682				
																						682		682	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT UNIT APT
STATION	STATION NAME

57-66

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PAGE 1 2100-2300
HOURS : S. T. I.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
34/ 33			.4															3	3																
32/ 31	.4		.1															4	4	6	1														
30/ 29		1.8																12	12	7	5														
28/ 27	1.9	1.6																21	21	21	8														
26/ 25	2.4	3.1																40	40	36	22														
24/ 23	3.5	3.2																46	46	44	33														
22/ 21	3.8	4.6																57	57	56	41														
20/ 19	3.4	4.1																51	51	48	35														
18/ 17	3.5	4.4																54	54	49	52														
16/ 15	3.2	3.8																48	48	55	41														
14/ 13	3.5	2.9																44	44	49	48														
12/ 11	3.4	3.5																47	47	41	32														
10/ 9	3.7	2.3																41	41	49	44														
8/ 7	4.6	2.5																48	48	44	38														
6/ 5	2.9	2.8																39	39	35	42														
4/ 3	1.5	1.6																21	21	30	45														
2/ 1	1.5	.7																15	15	19	32														
0/ -1	.4	1.6																14	14	10	27														
-2/ -3	3.2	1.2																30	30	31	31														
-4/ -5	2.3	.7																21	21	24	9														
-6/ -7	1.6	.4																14	14	14	17														
-8/ -9	.7	.3																7	7	8	28														
-10/-11	.1	.1																2	2	3	19														
-12/-13	.3																	2	2	2	16														
-14/-15																					9														
-16/-17																					2														
-18/-19																					3														
-20/-21																					1														
TOTAL	52.0	48.0																681	681	681	681														

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DMT APT

57-66

YEARS

JUN
MONTHPAGE 1 0000-0200
HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
48/ 47					.2		.2																										2	2			
44/ 43					.4																												6	6	1		
42/ 41			1.4		.6																											13	13	1			
40/ 39			.3	1.7			.3																									13	19	15			
38/ 37		.3	4.7		.4																											39	39	17	4		
36/ 35		.6	4.7	1.1		.2																										43	43	52	30		
34/ 33		3.0	6.4	1.7																												73	73	62	47		
32/ 31		6.7	14.7	1.4																												148	148	120	103		
30/ 29		3.2	8.3	.6																												80	80	113	104		
28/ 27		2.4	5.6																													53	53	69	73		
26/ 25		1.8	2.7																													30	30	46	63		
24/ 23		3.5	5.0																													56	56	52	49		
22/ 21		1.4	2.7																													27	27	32	65		
20/ 19		2.9	1.7																													30	30	34	29		
18/ 17		2.0	.6																													17	17	20	35		
16/ 15		1.2	.9																													14	14	15	22		
14/ 13		1.1																														7	7	8	15		
12/ 11		.4																														3	3	3	11		
10/ 9																																			8		
8/ 7																																			1		
6/ 5																																			1		
TOTAL	-0.560	.3	6.6	.6																													660	660	660	660	

Element (X)	Z _x	Z _y	X̄	Ȳ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5.51694	57507	87.1	7.888	660	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	500914	19462	29.5	6.356	660		63.4					90
Wet Bulb	553443	18726	28.4	5.866	660		69.8					90
Dew Point	473249	17187	26.0	6.242	660		79.0					90

DATA PROCESSING DIVISION
USAF ETAG
AIR LEADER SERVICE/HAC

PSYCHROMETRIC SUMMARY

57-66

JUN
MONTH

PAGE 1 0300-0500
HOURS L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
46/ 45			.4															1	1					
44/ 43			.4															4	4					
42/ 41		1.1	.4															12	12	1				
40/ 39		2.1	1.1															23	23	12				
38/ 37		3.6	1.5															34	34	24				
36/ 35	.3	6.4	.4															51	51	40				
34/ 33	2.7	5.2	.4															58	58	71				
32/ 31	7.4	12.4	1.4															140	140	84				
30/ 29	3.3	9.9	.4															91	91	113				
28/ 27	2.6	5.8																55	55	92				
26/ 25	2.1	3.2																35	35	43				
24/ 23	2.9	4.4																48	48	57				
22/ 21	2.9	2.4																36	36	42				
20/ 19	3.0	2.1																34	34	35				
18/ 17	1.7	.8																16	16	22				
16/ 15	1.1	.6																11	11	14				
14/ 13	.9	.3																8	9	8				
12/ 11	.3																	2	2	2				
10/ 9																								
8/ 7																								
TOTAL	11.360.9	7.4	.6															659	660	659				

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5055824	57486	87.2	7.912	659	≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Dry Bulb	591372	19316	29.3	6.288	660		63.0					90
Wet Bulb	546380	18588	28.2	5.793			69.8					90
Dew Point	466264	17050	25.9	6.181			78.7					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DNT APT
STATION STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
48 / 47				.2														1	1																
46 / 45			.4	.2														2	6																
44 / 43		.2	.4	.2														3	8	1															
42 / 41		2.4	.5	.6														23	23	7															
40 / 39		1.7	1.4	.3														22	22	25	2														
38 / 37	.2	3.0	2.3															36	36	24	19														
36 / 35	.8	3.6	1.8															41	41	47	26														
34 / 33	3.3	8.9	2.1															94	94	67	40														
32 / 31	9.3	12.6	1.1															125	125	119	98														
30 / 29	3.6	8.9	.2															84	84	109	94														
28 / 27	2.4	3.6																40	40	70	95														
26 / 25	2.4	4.7																47	47	63	65														
24 / 23	2.7	3.0																38	38	47	63														
22 / 21	1.8	2.6																29	29	28	47														
20 / 19	3.0	1.8																32	32	38	31														
18 / 17	1.5	.9																13	13	14	21														
16 / 15	1.4	.9																15	15	14	33														
14 / 13	.6																	4	4	7	13														
12 / 11																					8														
10 / 9																					4														
8 / 7																					1														
TOTAL	29.1	8.5	10.9	1.5															660	660	660														
																			660		660														

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

JUN
MONTH

PAGE 1 0900-1100
MO:RS S:

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

JUN
MONTH

PAGE 1 1200-1400
HOURS [L. S. T.]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
52 / 51			.4															1	1					
50 / 49			.3															4	4					
48 / 47				1.1														7	7	1				
46 / 45		.5	1.4	.6														16	16	2	1			
44 / 43		.2	3.2		.3													24	24	7				
42 / 41		1.7	1.7	.3	.2													25	25	29	3			
40 / 39		.6	3.6	.8														33	33	27	8			
38 / 37		3.3	2.9	.2														42	42	23	25			
36 / 35	.2	6.4	3.6															67	67	59	31			
34 / 33	2.7	13.9	2.0															123	123	102	59			
32 / 31	4.2	12.0	.6															111	111	140	110			
30 / 29	.9	6.4	.3															50	50	90	109			
28 / 27	.6	5.6																41	41	41	103			
26 / 25	2.0	6.1																53	53	56	51			
24 / 23	1.5	3.3																32	32	39	65			
22 / 21	.9	.9																12	12	24	34			
20 / 19	.3	.4																7	7	7	27			
18 / 17	.6	.5																7	7	6	12			
16 / 15	.8																	5	5	7	12			
14 / 13																					8			
12 / 11																					2			
TOTAL	14.7	62.0	19.7	3.2	.7														660		660			
																		660			660			
			</																					

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
50/ 49					.5	.3													5	5								
48/ 47				.2	.2														8	8								
46/ 45			.5	2.3	.2														19	19								
44/ 43				3.5	.3														25	25	13							
42/ 41			.4	2.6	.3														24	24	21	2						
40/ 39			1.7	3.0	.6														35	35	32	8						
38/ 37	.3	3.5	2.6																42	42	32	19						
36/ 35	1.4	7.6	3.2																80	80	63	44						
34/ 33	2.9	14.3	1.7																126	126	113	72						
32/ 31	1.8	12.4	.4																99	99	134	116						
30/ 29	1.1	5.3	.5																45	45	84	111						
28/ 27	1.1	8.5																	63	63	40	92						
26/ 25	.9	4.5																	36	36	53	55						
24/ 23	.9	2.9																	25	25	37	55						
22/ 21	.6	.3																	6	6	15	30						
20/ 19	.3	1.4																	11	11	9	28						
18/ 17	.8	.3																	7	7	10	10						
16/ 15	.6																		4	4	4	9						
14/ 13																						8						
12/ 11																						1						
TOTAL	12.6	64.1	20.4	2.3	.3														660	660	660	660						

Element (X)	Σx^1	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4693389	55377	83.9	8.446	660							90
Dry Bulb	745572	21796	33.0	6.254	660		40.4					90
Wet Bulb	667449	20679	31.3	5.444	660		52.6					90
Dew Point	556752	18850	28.6	5.282	660		70.2					90

USAFETAC FORM 0-26.5 (OL A)
REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

JUN
MONTH

PAGE 1 1800-2000

HOURS : S. T. V.

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17901	RESOLUTE WNT DMT APT
STATION	STATION NAME

57-66

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
48/ 47				.4	.2													5	5													
46/ 45			.4	.2														4	4													
44/ 43		.4	.4															6	6	3												
42/ 41		.9	2.2	.4														27	27	10	3											
40/ 39	.2	2.1	2.1	.4														32	32	18	3											
38/ 37	.2	5.5	1.4	.2														46	46	34	14											
36/ 35	.8	4.7	1.4															45	45	61	26											
34/ 33	3.8	10.3	2.7															111	111	78	62											
32/ 31	6.7	14.1	.4															141	141	133	122											
30/ 29	2.9	6.7	.2															64	64	117	116											
28/ 27	1.8	4.2																40	40	46	70											
26/ 25	2.4	3.4																42	42	48	70											
24/ 23	1.7	3.6																35	35	43	50											
22/ 21	1.1	1.7																18	18	21	37											
20/ 19	2.1	1.7																25	25	23	33											
18/ 17	.8	.5																8	8	12	14											
16/ 15	1.1	.5																10	10	10	26											
14/ 13	.2																	1	1	3	10											
12/ 11																					3											
10/ 9																					1											
TOTAL	25.5	60.6	11.7	2.1	.2													660	660	660	660											
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	4974342		57024		86.4		8.487		660		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	668928		20614		31.2		6.170		660				52.4										90									
Wet Bulb	611358		19732		29.9		5.541		660				62.2										90									
Dew Point	520385		18153		27.5		5.658		660				75.3										90									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

37-66

JUL

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

17901	RESOLUTE WWT DDT APT
STATION	STATION NAME

57-66

JUL

MONTH

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

HOURS		U	S	T
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

[illegible]

YEARS

17901	RESOLUTE	NWT	DOT	APT
STATION				STATION NAME

37-66

 JUL
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
60/ 59																																	1	1			
58/ 57							.1																										1	1			
56/ 55							.1				.1																						2	2			
54/ 53							.1		.1																								2	2	1		
52/ 51					.4	.3																											4	4			
50/ 49			.1	1.0	.9			.4																									17	17	2	1	
48/ 47			.1	3.1	1.0	.3																											31	31	5		
46/ 45			1.0	4.7	.6																												43	43	17	1	
44/ 43			2.3	3.7	.6																												45	45	39	5	
42/ 41		.7	4.8	2.9	.1																												59	59	63	25	
40/ 39		.9	7.3	2.3	.1																												73	73	77	53	
38/ 37		2.1	6.6	1.4																													71	71	96	81	
36/ 35		5.0	10.1	.6																													107	107	108	125	
34/ 33		13.6	7.2	.6																													146	146	163	182	
32/ 31		6.5	3.5																														68	68	88	138	
30/ 29		.6	1.2																														12	12	19	46	
28/ 27																																				4	19
26/ 25																																					6
TOTAL	29.3	44.4	21.7	4.1	.7	.3																												682	682	682	

Element (X)	Σ x'	Σ x	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5257930	59436	87.1	10.710	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1006462	25944	38.0	5.355	682		10.9					93
Wet Bulb	916418	24840	36.4	4.143	682		15.1					93
Dew Point	810791	23401	34.3	3.395	682		28.5					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901 RESOLUTE NWI DOT APT
STATION STATION NAME

57-66

JUL
MONTH

PAGE 1 0900-1100
HOURS () () ()

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
60 / 57				.1		.1												2	2																
58 / 57					.3	.1												3	3																
56 / 55				.3	.1	.3												3	3																
54 / 53			.4	.6	.4	.3												12	12	1															
52 / 51			.7	2.2	.3	.1												23	23	1															
50 / 49		.1	1.0	2.1	1.0													29	29	9	1														
48 / 47		.1	3.2	1.9														36	36	17	1														
46 / 45	.1	1.2	4.7	1.3														45	45	37	6														
44 / 43	.1	2.6	4.8	.7														57	57	55	15														
42 / 41	.7	5.3	3.3	.1														66	66	73	28														
40 / 39	.9	5.7	2.6															63	63	86	73														
38 / 37	1.6	6.0	1.0															59	59	73	95														
36 / 35	7.0	10.9	.6															124	126	126	137														
34 / 33	10.0	7.2																117	117	139	172														
32 / 31	2.6	2.3																35	35	60	102														
30 / 29	.3	.3																4	4	10	40														
28 / 27																					12														
TOTAL	23.5	41.9	22.0	9.4	2.2	1.0												682	682	682	682														

Element (X)	Σ X ²	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4972792	57586	84.6	12.303	681	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1103271	27111	39.8	6.125	682		5.3					93
Wet Bulb	981003	25679	37.7	4.534	682		9.3					93
Dew Point	852384	23984	35.2	3.622	682		21.0					93

USAFETAC FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE RPT DUT APT
STATION	STATION NAME

57-66

460

PAGE 1 1200-1400

HOURS (L, S, T)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL		
																			Dry Bulb	Wet Bulb	Dew Point
64/ 63						.1												1	1		
60/ 59						.1												1	1		
58/ 57			.1		.6	.3	.1											8	8	1	
56/ 55			.1	.4	.3	.7												11	11		
54/ 53			.1	1.0	1.2													16	16	1	
52/ 51			.3	1.0	.9	.1												16	16	3	2
50/ 49		.1	1.2	2.9	1.2	.1												38	38	8	
48/ 47		.1	4.1	2.8														48	48	15	3
46/ 45		1.6	3.8	1.0	.1													45	45	38	2
44/ 43		3.8	4.7	.7														63	63	81	8
42/ 41	.3	5.0	4.4	.6														70	70	74	45
40/ 39	1.0	5.6	2.6	.1														64	64	85	82
38/ 37	2.6	9.9	1.6															94	94	100	106
36/ 35	5.1	8.2	.6															95	95	121	146
34/ 33	8.8	5.1																95	95	120	163
32/ 31	1.8	.7																17	17	32	89
30/ 29																				3	28
28/ 27																					7
26/ 25																					1
TOTAL	19.6	39.9	23.8	10.7	4.4	1.5	.1											682	682	682	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4738268	36156	82.3	12.960	682							
Dry Bulb	1163697	27871	40.9	6.262	682		2.3					93
Wet Bulb	1021260	26212	38.4	4.307	682		4.8					93
Dew Point	864983	24223	35.5	3.562	682		17.0					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NAT DOT APT
STATION	STATION NAME

57-66

JUL
MONTH

PAGE 1 1500-1700
HOURS: 5:00 - 5:15

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63						.1												1	1																
62/ 61								.1										1	1																
60/ 59		.1																1	1																
58/ 57						.2												6	6	1															
56/ 55					.1	.4	.4											7	7	1	1														
54/ 53					.9	2.3	.1											23	23																
52/ 51					1.6	.9												17	17		1														
50/ 49		.4	.9	3.8	1.2													41	41	8															
48/ 47		.3	2.6	3.5	.1													49	49	27															
46/ 45		2.9	4.1	1.3														57	57	37	3														
44/ 43		3.4	4.1	1.0														58	58	81	15														
42/ 41	.6	5.7	3.8	.7														74	74	83	38														
40/ 39	1.3	6.3	2.4															71	71	88	90														
38/ 37	1.6	7.3	1.8															73	73	102	97														
36/ 35	6.3	8.8	.3															106	106	121	142														
34/ 33	7.9	4.4																84	84	113	184														
32/ 31	1.3	1.2																17	17	26	85														
30/ 29																				1	20														
28/ 27																					5														
26/ 25																					1														
TOTAL	19.2	40.9	20.1	13.0	6.0	.6	.1											682	682	682	682														

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4707082	55932	82.0	13.273	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1178737	28032	41.1	6.234	682		2.3					93
Wet Bulb	1030091	26331	38.6	4.451	682		3.7					93
Dew Point	874482	24304	35.6	3.507	682		15.1					93

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

PSYCHROMETRIC SUMMARY

179/1 RESOLUTE NAT DIST APT

57-66

YEARS

JUL

MONTH

PAGE 1 1800-2000

HOURS T. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
62/ 61				.1						.1																							2	2			
60/ 59										.4	.1																						4	4			
58/ 57									.4																								3	3	1		
56/ 55									.3																								2	2		1	
54/ 53						.3	1.6																										13	13			
52/ 51			.7	1.3	1.8					.3																							28	28	1		
50/ 49		.1	.9	1.9	.6																												24	24	9		
48/ 47		.4	1.4	2.3	.4																												35	35	14	1	
46/ 45	.1	2.6	6.7	1.3	.1																												70	70	36	3	
44/ 43	.1	2.2	4.3	1.3																													56	56	68	17	
42/ 41	.9	4.7	4.3	.3																													71	71	77	34	
40/ 39	.6	7.4	2.9																														78	78	94	72	
38/ 37	2.8	7.6	1.0																														78	78	107	100	
36/ 35	5.6	7.2	.3																														89	89	111	141	
34/ 33	10.1	4.3	.1																														99	99	121	180	
32/ 31	2.9	1.6	.1																														30	30	39	108	
30/ 29																																				4	18
28/ 27																																					4
26/ 25																																					3
TOTAL	22.938	723.3	8.8	5.3	.9	.1																											682	682	682		

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4827633	26669	83.1	13.212	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1144271	27621	40.3	6.134	682		4.1					93
Wet Bulb	1007799	26043	38.2	4.422	682		6.0					93
Dew Point	861392	24120	35.4	3.502	682		18.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
64/ 63							.1											1	1					
58/ 57					.1		.3											1	1					
56/ 55			.1		.3													3	3					
54/ 53				.1	.1													2	2					
52/ 51			.1	.9	.1													5	8	2				
50/ 49			.3	2.3	.3													20	20	3	1			
48/ 47		1.0	2.2	1.8														34	34	3				
46/ 45	.3	1.3	3.3	.6	.1													40	40	26	3			
44/ 43		2.9	6.3	.6														67	67	49	10			
42/ 41	.6	5.6	4.3	.6														75	75	70	27			
40/ 39	1.3	6.3	3.3															76	76	94	60			
38/ 37	2.3	8.9	1.3															86	86	97	101			
36/ 35		5.4	7.4	.4														93	93	123	130			
34/ 33		9.9	6.3															108	108	125	175			
32/ 31	6.0	2.6	.3															61	61	77	118			
30/ 29	.7	.3																7	7	12	46			
28/ 27																				2	7			
26/ 25																					3			
24/ 23																					1			
TOTAL	26.2	43.1	22.4	6.9	1.2		.1											682		682	682			

Element (X)	Σ x'	Σ x	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5115407	38561	85.9	11.301	682	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1032757	26533	38.9	5.486	682		9.3					93
Wet Bulb	948720	25274	37.1	4.215	682		12.4					93
Dew Point	433221	23719	34.8	3.493	682		23.9					93

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WPT OUT APT
STAT ON NAME

57-66

YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS 5-5.7

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NAT DOT APT
STATION	STATION NAME

57-66

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
46 / 47			.1		.1													2	2					
46 / 45		.3	1.3		.4													13	13		1			
44 / 43		.5	2.1	1.0	.1													26	26	14	9			
42 / 41	1.0	2.9	1.2															35	35	23	13			
40 / 39	2.2	5.6	.7	.1														59	59	54	33			
38 / 37	4.3	7.8	.6															86	86	83	67			
36 / 35	9.4	11.3	.3															143	143	137	120			
34 / 33	11.8	5.4																117	117	146	156			
32 / 31	8.2	3.7																81	81	86	124			
30 / 29	7.4	4.1																78	78	79	61			
28 / 27	1.3	1.9																22	22	26	53			
26 / 25	.9	.9																12	12	17	17			
24 / 23	.3	.4																5	5	5	17			
22 / 21																				2	5			
20 / 19																					3			
TOTAL	47.7	47.7	4.1	.4														679	679	679	679			
																					679		679	
																					</			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

YEARS

AUG
MONTH

PAGE 1 0600-0800
HOURS (L. S. - T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
52/ 31			.1															1	1						
50/ 49		.1	.4															5	5						
48/ 47		.4	1.0															12	12	5	1				
46/ 45	.1	1.0	1.8															21	21	6	2				
44/ 43	.3	1.8	.9															20	20	21	10				
42/ 41	.4	4.3	1.3															41	41	32	13				
40/ 39	2.6	7.9	1.3															81	81	65	48				
38/ 37	4.1	11.9	.9															115	115	95	83				
36/ 35	9.4	8.1	.4															122	122	151	140				
34/ 33	9.5	4.0	.1															93	93	116	133				
32/ 31	7.8	3.4																76	76	83	117				
30/ 29	5.1	2.1	.1															57	57	60	61				
28/ 27	1.0	2.2																22	22	29	36				
26/ 25	1.2	.6																12	12	14	13				
24/ 23	.6																	4	4	5	18				
22/ 21																					7				
TOTAL	42.4	48.7	8.5	.4														682	682	682	682				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

57-66

AUG

PAGE 1 0900-1100
HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55			.1															1	1					
54/ 53			.1	.1														2	2					
52/ 51					.3													2	2	1				
50/ 49		.4	.4	.3	.1													12	12	1	1			
48/ 47		.7	2.1	.3														21	21	5				
46/ 45	.6	1.6	2.2	.7														35	35	19	10			
44/ 43		2.2	2.2	.9														36	36	33	11			
42/ 41	.3	6.9	2.1	.1														64	64	48	17			
40/ 39	1.4	10.1	1.2															90	90	84	67			
38/ 37	3.8	12.8	1.2															121	121	119	102			
36/ 35	6.6	7.0	.1															94	94	137	148			
34/ 33	8.8	2.5																77	77	100	130			
32/ 31	5.7	3.4																62	62	56	98			
30/ 29	2.3	3.7																41	41	45	39			
28/ 27	.3	2.1																16	16	19	23			
26/ 25	.3	.6																6	6	11	17			
24/ 23	.1	.1																2	2	4	12			
22/ 21																					5			
20/ 19																					2			
TOTAL	30.8	54.1	12.2	2.5	.4													682	682	682	682			

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5516946	61040	89.5	8.886	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	971373	25487	37.4	5.268	682		17.3					93
Wet Bulb	902901	24621	36.1	4.543	682		18.4					93
Dew Point	820752	23470	34.4	4.380	682		26.7					93

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

AUG
MONTH

YEARS

PAGE 1 1800-2000
HOURS (L, S, T,)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

AUG.
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
40/ 39	.3	.3																5	5	2	1				
38/ 37	1.1	.2																3	8	17	8				
36/ 35	1.1	1.8																19	19	10	10				
34/ 33	2.7	2.1	.2															33	33	33	28				
32/ 31	4.1	2.4																43	43	40	34				
30/ 29	5.9	6.8																84	84	69	46				
28/ 27	5.6	5.6																74	74	82	55				
26/ 25	5.3	5.2																69	69	68	61				
24/ 23	5.2	4.1																61	61	70	67				
22/ 21	2.7	4.1																45	45	44	66				
20/ 19	3.8	2.6																42	42	48	35				
18/ 17	2.4	2.0																29	29	30	46				
16/ 15	2.9	3.3																41	41	34	26				
14/ 13	2.3	1.8																27	27	36	31				
12/ 11	2.1	2.3																29	29	29	32				
10/ 9	2.7	.8																23	23	25	29				
8/ 7	1.7	.2																12	12	14	23				
6/ 5	.8																	5	5	5	33				
4/ 3	.6																	4	4	4	15				
2/ 1	.6																	4	4	4	6				
0/ -1																					3				
-2/ -3	.3																	2	2	2	2				
-4/ -5	.2																	1	1	1	2				
-6/ -7																					1				
TOTAL	34.2	45.6	.2															660	660	660	660				
						</																			

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWY DOT APT
STATION STATION NAME

57-66

SEP
MONTH

PAGE 1 0600-0800
HOURS: S T L

[illegible]

DATA PROCESSING DIVISION
JSAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE INVT OUT APT
STATION	STATION NAME

37-66

SEP
MONTH

PAGE 1 0900-1100
HOURS: L. S. T. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
46/ 45																		1	1					
44/ 43			.2															1	1					
42/ 41			.2															1	1	2				
40/ 39		.3	.9															8	8	5	4			
38/ 37		.3	1.3	.3														14	14	10	8			
36/ 35		.9	1.4	.2														16	16	14	14			
34/ 33	3.2	2.6	.5															41	41	33	26			
32/ 31	2.9	3.6	.2															57	57	46	30			
30/ 29	3.8	7.7																76	76	72	43			
28/ 27	4.8	5.9	.2															72	72	81	65			
26/ 25	4.7	6.2																72	72	71	68			
24/ 23	4.5	3.6																54	54	69	59			
22/ 21	2.1	3.3																36	36	37	77			
20/ 19	3.5	2.7																41	41	50	30			
18/ 17	3.5	3.5																46	46	40	40			
16/ 15	2.3	2.7																33	33	34	31			
14/ 13	2.4	1.4																25	25	29	38			
12/ 11	2.4	1.2																24	24	26	24			
10/ 9	1.1	.3																9	9	12	36			
8/ 7	1.7	.4																17	17	16	21			
6/ 5	.9																	6	6	8	12			
4/ 3	.8																	5	5	5	13			
2/ 1	.3																	2	2	2	10			
0/ -1	.2																	1	1	1	9			
-2/ -3	.3																	7	2	2				
-4/ -5																					1			
-6/ -7																					2			
TOTAL	16.8	1.8	1.4															660	660	660	660			

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2131944	38026	87.9	6.792	660							
Dry Bulb	422267	15813	24.0	8.106	660		.4	78.8				90
Wet Bulb	400204	15389	23.3	7.924	660		.4	81.3				90
Dew Point	339466	13770	20.9	8.898	660		1.5	82.9				90

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SU

179.1 RESOLUTE NAT DUT APT

57-66

YEARS

PAGE 1

USAFETAC FORM 0 26-5 (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb W				
46/ 45				.2																1	1		
44/ 43			.8	.4																5	5		
42/ 41																							
40/ 39		.9	.8	.4																12	12		
38/ 37		.6	.9	.4																13	13		
36/ 35		.8	2.1	.4																24	24		
34/ 33	2.6	4.2	.4																	51	51		
32/ 31	4.1	5.9	.4																	69	69		
30/ 29	3.9	6.5	.4																	70	70		
28/ 27	3.2	5.3																		57	57		
26/ 25	4.5	7.6																		80	80		
24/ 23	3.8	5.2																		59	59		
22/ 21	1.7	3.3																		32	32		
20/ 19	1.7	3.3																		33	33		
18/ 17	2.1	4.1																		41	41		
16/ 15	2.6	2.3																		32	32		
14/ 13	2.3	1.2																		23	23		
12/ 11	2.0	.9																		19	19		
10/ 9	1.8	.2																		13	13		
8/ 7	1.2	.6																		12	12		
6/ 5	.0																			4	4		
4/ 3	.4																			6	6		
2/ 1	.3																			2	2		
0/ -1	.3																			2	2		
-2/ -3																							
-4/ -5																							
-6/ -7																							
TOTAL	1.7	5.0	5.2	.2																	660	660	
																					660	660	
Element (X)	Σ X'	Σ X	̄X	σ²	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	5.90464	57782	87.4	6.921	660	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb	448964	16348	24.8	8.174	660	.3	75.5																
Wet Bulb	422789	15863	24.0	7.938	660	.2	79.9																
Dew Point	358913	14235	21.6	8.874	660	1.5	82.5																

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT ART
STATION	STATION NAME

57-66

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L, S, T)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NW 1 DOT 4 PT
STAT 36	STATION NAME

57-66

SEP
MIN

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
44/ 43			.2															1	1																
42/ 41	.2		.2															7	2	2	1														
40/ 39		1.7																11	11	6	1														
38/ 37	.3	.4	.4															6	6	9	9														
36/ 35	1.5	1.4	.4															23	23	16	15														
34/ 33	1.4	3.0	.5															37	32	22	18														
32/ 31	5.2	5.8	.2															73	73	63	48														
30/ 29	3.5	5.3																58	58	65	51														
28/ 27	5.2	7.4																83	83	81	53														
26/ 25	2.7	3.4																57	57	63	67														
24/ 23	3.4	3.6																63	63	55	54														
22/ 21	3.2	3.0																41	41	61	59														
20/ 19	3.5	3.5																46	46	39	42														
18/ 17	2.3	2.7																33	33	34	36														
16/ 15	2.6	1.3																27	27	36	51														
14/ 13	2.1	1.4																23	23	24	23														
12/ 11	2.6	.4																22	22	21	22														
10/ 9	2.1	.4																20	20	18	18														
8/ 7	1.7	.6																15	15	17	30														
6/ 5	2.1	.2																15	15	14	21														
4/ 3	.2																	1	1	1	17														
2/ 1	.4																	6	6	6	10														
0/ -1																					7														
-2/ -3	.3																	2	2	2	5														
-4/ -5																					1														
-6/ -7																					1														
TOTAL	47.35	1.8	.4															660	660	660	660														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5147117	58092	88.0	7.160	660							
Dry Bulb	417166	15644	23.7	8.387	660	.3	79.8					90
Wet Bulb	395644	15226	23.1	8.207	660	.3	82.5					90
Dew Point	337597	13621	20.6	9.258	660	1.9	84.0					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PAGE 1 2100-2300
HOURS (L S T)

17901 RESOLUTE MNT OUT APT
STATION STATION NAME

57-66

SEP
MONTH

YEARS

MONTH

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

BC T

PAGE 1 0000-0200

HOURS 11.5. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
28/ 27	.4																	3	3	3												
26/ 25	2.0	.7																20	20	16	5											
24/ 23	1.0																	7	7	11	17											
22/ 21	.7	.5																9	9	5	10											
20/ 19	4.0	1.0																36	36	36	1											
18/ 17	4.4	1.4																43	43	40	28											
16/ 15	3.0	1.0																29	29	33	29											
14/ 13	4.4	.8																38	38	36	38											
12/ 11	3.8	1.1																36	36	40	36											
10/ 9	7.1	1.1																60	60	57	35											
8/ 7	4.0	1.4																44	44	45	42											
6/ 5	6.8	1.0																57	57	55	40											
4/ 3	5.2	1.0																45	45	48	43											
2/ 1	4.9	.4																39	39	40	51											
0/ -1	5.2	.4																41	41	42	43											
-2/ -3	5.6	.7																46	46	44	41											
-4/ -5	3.4	.8																31	31	29	44											
-6/ -7	3.0	1.2																31	31	28	38											
-8/ -9	3.4	.5																29	29	34	32											
-10/-11	2.3	.1																18	18	19	28											
-12/-13	2.3	.1																18	18	18	25											
-14/-15	3.0	.3																24	24	25	20											
-16/-17	1.2	.1																10	10	9	20											
-18/-19	1.2																	9	9	10	17											
-20/-21	.5																	4	4	4	19											
-22/-23	.1																	1	1	1	11											
-24/-25	.3																	2	2	2	8											
-26/-27	.5																	4	4	4	7											
-28/-29																					1											
-30/-31																					1											
-32/-33																					2											
-34/-35																					2											
TOTAL	34.3	15.7																734	734	734	734											
Element (X)	Σ x ²	Σ x	̄ x	σ _x	No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	5104461	60939	83.0	7.845	734		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb	1046224	3124	4.3	11.162	734		34.0	93.0					93																			
Wet Bulb	102894	3004	4.1	11.118	734		34.1	93.0					93																			
Dew Point	109536	128	.2	12.223	734		45.5	93.0					93																			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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7 OCT
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
30/ 29	.1	.1																2	2	1								
28/ 27	.3	.3																4	4	4	3							
26/ 25	1.4	.4																13	13	12	5							
24/ 23	1.1																	8	8	10	12							
22/ 21	.7	.5																9	9	4	7							
20/ 19	3.8	1.9																42	42	38	5							
18/ 17	3.5	1.0																33	33	34	24							
16/ 15	3.8	2.5																46	46	38	36							
14/ 13	4.4	.8																38	38	45	37							
12/ 11	3.0	.3																24	24	26	43							
10/ 9	5.4	1.2																52	52	48	26							
8/ 7	4.8	2.3																52	52	49	31							
6/ 5	6.4	1.4																57	57	57	47							
4/ 3	4.6	.7																39	39	45	43							
2/ 1	5.6	1.7																49	49	49	52							
0/ -1	4.4	1.4																42	42	38	38							
-2/ -3	5.4	.5																44	44	44	39							
-4/ -5	4.0	.5																33	33	34	51							
-6/ -7	3.7	.7																32	32	33	40							
-8/ -9	2.3	.7																22	22	19	34							
-10/-11	1.9	.4																17	17	19	25							
-12/-13	2.2	.3																18	18	19	23							
-14/-15	2.5	.1																19	19	19	15							
-16/-17	1.4	.3																12	12	11	16							
-18/-19	1.5	.3																13	13	13	21							
-20/-21	.8																	6	6	7	15							
-22/-23	.7																	5	5	5	13							
-24/-25																					9							
-26/-27																					7							
-28/-29	.4																	3	3	3	7							
-30/-31																					1							
-36/-37																					3							
TOTAL	10.4	19.6																734	734	734	734							
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																	
Rel. Hum.	5053096		60630		82.6		7.829		734		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total					
Dry Bulb	106111		3067		4.211		.282		734		32.7		93.0										93					
Wet Bulb	103987		2919		4.011		.226		734		34.0		93.0										93					
Dew Point	113022		12		.012		.417		734		45.7		93.0										93					

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901
STATIONRESOLUTE NWT DDT APT
STATION NAME57-66
YEARSOCT
MONTHPAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
30/29	.1	.1																2	2	1				
28/27	.4	.3																5	5	5	3			
26/25	.5	.7																9	9	7	3			
24/23	1.2	.5																13	13	14	14			
22/21	1.4	1.1																18	18	17	6			
20/19	2.0	1.2																24	24	22	15			
18/17	4.0	2.0																44	44	39	18			
16/15	4.4	1.0																39	39	46	36			
14/13	3.3	.5																28	28	28	37			
12/11	4.2	.3																33	33	34	33			
10/9	4.9	.7																41	41	39	31			
8/7	4.0	1.8																42	42	44	36			
6/5	7.2	1.5																64	64	56	36			
4/3	6.4	1.0																54	54	57	34			
2/1	6.5	.8																54	54	57	50			
0/-1	5.7	.7																47	47	50	52			
-2/-3	4.5	.8																39	39	37	56			
-4/-5	3.5	.3																28	28	29	41			
-6/-7	4.1	.3																32	32	34	48			
-8/-9	3.0	.5																26	26	23	35			
-10/-11	1.5	.4																14	14	15	22			
-12/-13	1.8	.8																19	19	16	18			
-14/-15	2.6	.3																21	21	25	21			
-16/-17	1.5	.1																12	12	13	9			
-18/-19	1.5																	11	11	11	18			
-20/-21	1.2	.1																10	10	10	19			
-22/-23	.3																	2	2	2	12			
-24/-25																					13			
-26/-27	.1																	1	1	1	10			
-28/-29	.3																	2	2	2	2			
-30/-31																					2			
-32/-33																					1			
-34/-35																					1			
-36/-37																					2			
Element (X)	Σ x ²	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901 RESOLUTE NW1 DOT APT
STATION STATION NAME

57-66

 OCT
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

YEARS

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
30/ 29	.1	.1																2	2	1												
28/ 27	.5																	4	4	5	5											
26/ 25	.7	.4																8	8	6	2											
24/ 23	2.0	.5																19	19	17	11											
22/ 21	1.8	.7																18	18	18	12											
20/ 19	3.4	1.1																33	33	35	17											
18/ 17	3.1	1.2																32	32	30	23											
16/ 15	3.3	1.1																34	34	37	25											
14/ 13	2.6	1.1																27	27	23	42											
12/ 11	5.2	1.1																46	46	46	24											
10/ 9	4.0	1.2																38	38	39	38											
8/ 7	6.9	1.0																58	58	57	35											
6/ 5	5.4	.8																46	46	46	36											
4/ 3	3.7	1.6																39	39	41	53											
2/ 1	7.2	.8																59	59	59	39											
0/ -1	6.1	.4																48	48	49	33											
-2/ -3	4.8	.8																41	41	39	48											
-4/ -5	4.0	.5																33	33	34	61											
-6/ -7	3.1	.5																27	27	27	41											
-8/ -9	3.5	.4																29	29	30	30											
-10/-11	2.6	.8																25	25	25	27											
-12/-13	2.5	.3																20	20	22	27											
-14/-15	1.6																	13	13	13	13											
-16/-17	1.2	.1																10	10	10	21											
-18/-19	1.8	.1																14	14	13	22											
-20/-21	.5																	4	4	5	8											
-22/-23	.4																	3	3	3	14											
-24/-25	.4	.1																4	4	4	12											
-26/-27																					8											
-28/-29																					2											
-30/-31																					2											
-34/-35																					3											
TOTAL	33.0	17.0																734	734	734	734											
Element (X)	Σ x ²		Σ x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	5061912		60678		82.7		7.905		734		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	104616		3042		4.111		204		734		34.3	93.0					93															
Wet Bulb	102874		2917		4.011		160		734		34.7	93.0					93															
Dew Point	113272		11		.012		431		734		47.1	93.0					93															

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

27-66

YEARS

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
30/ 29	.4	.1																4	4	3					
28/ 27	.3																	2	2	3	5				
26/ 25	1.2	.3																11	11	9	2				
24/ 23	2.0	.8																21	21	18	12				
22/ 21	1.0	1.0																14	14	15	15				
20/ 19	3.0	1.5																33	33	30	14				
18/ 17	3.1	1.4																33	33	35	23				
16/ 15	2.5	1.5																29	29	27	30				
14/ 13	4.1	1.6																42	42	44	28				
12/ 11	5.2	1.4																43	43	43	29				
10/ 9	4.6	1.5																45	45	51	37				
8/ 7	4.8	1.1																43	43	45	39				
6/ 5	5.6	.8																47	47	45	47				
4/ 3	5.3	.8																45	45	44	46				
2/ 1	7.4	.3																56	56	60	40				
0/ -1	4.6	.5																38	38	38	44				
-2/ -3	4.5	.1																34	34	35	56				
-4/ -5	5.4	.3																42	42	42	37				
-6/ -7	4.6	.5																38	38	35	34				
-8/ -9	3.5	.7																31	31	33	43				
-10/-11	2.2	.3																18	18	18	32				
-12/-13	2.0	.1																16	16	16	22				
-14/-15	1.2																	9	9	10	17				
-16/-17	1.5	.1																12	12	12	23				
-18/-19	1.0	.5																11	11	9	15				
-20/-21	.7																	5	5	7	12				
-22/-23	.5																	4	4	4	8				
-24/-25	.3	.1																3	3	3	9				
-26/-27																					9				
-28/-29																					2				
-32/-33																					1				
-34/-35																					3				
TOTAL	32.6	17.4																734	734	734	734				
Element (X)	Σ x ²		Σ x		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	5093132		60890		83.0		7.562		734		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	105672		3276		4.5		11.145		734		33.1		93.0										93		
Wet Bulb	103294		3144		4.3		11.070		734		33.2		93.0										93		
Dew Point	109303		277		.4		12.206		734		46.5		93.0										93		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
30/ 29	.1																	1	1	1												
28/ 27	.7	.1																6	6	6	4											
26/ 25	1.2	.3																13	13	10	4											
24/ 23	1.5	1.1																19	19	17	14											
22/ 21	1.2	.7																14	14	19	12											
20/ 19	2.5	.8																24	24	20	13											
18/ 17	3.5	1.1																34	34	35	22											
16/ 15	3.3	1.4																34	34	30	21											
14/ 13	2.3	.8																23	23	28	33											
12/ 11	3.4	1.4																50	50	47	27											
10/ 9	4.8	1.9																49	49	46	35											
8/ 7	4.1	1.0																37	37	41	37											
6/ 5	3.6	1.6																53	53	52	45											
4/ 3	3.6	.7																46	46	48	30											
2/ 1	7.8	1.2																66	66	65	50											
0/ -1	4.5	.3																35	35	38	57											
-2/ -3	4.5	.5																37	37	37	49											
-4/ -5	3.8	.8																34	34	29	40											
-6/ -7	4.1	.5																34	34	39	40											
-8/ -9	6.0	.7																34	34	32	31											
-10/-11	2.2	.4																19	19	20	26											
-12/-13	1.9	.1																15	15	16	35											
-14/-15	2.6																	19	19	20	22											
-16/-17	1.6	.1																13	13	12	12											
-18/-19	1.2	.3																11	11	12	25											
-20/-21	1.0																	7	7	7	10											
-22/-23	.5																	4	4	4	15											
-24/-25	.4																	3	3	3	12											
-26/-27																					7											
-28/-29																					3											
-32/-33																					3											
TOTAL	11.9	18.1																734		734	734											
Element (X)	Σ x ²		Σ x		x̄		σ _A		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	5045766		60592		82.6		7.736		734		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	105145		2881		3.911		314		734		33.6		93.0										93									
Wet Bulb	103018		2746		3.711		248		734		34.1		93.0										93									
Dew Point	112426		-180		-212.382		734		734		49.0		93.0										93									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

“CT

PAGE 1 1800-2000
HQ:IRS (1, 5, 11)

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USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

3CT

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
28/ 27	.3																	2	2	2							
26/ 25	2.9	.7																26	26	24	5						
24/ 23	.4																	3	3	5	22						
22/ 21	1.8	.4																16	16	14	4						
20/ 19	2.2	1.1																24	24	21	13						
18/ 17	3.1	1.2																32	32	33	18						
16/ 15	3.0	1.2																31	31	30	29						
14/ 13	1.8	1.1																21	21	20	25						
12/ 11	4.4	1.4																42	42	40	22						
10/ 9	6.0	2.7																64	64	62	24						
8/ 7	4.8	1.0																42	42	48	39						
6/ 5	5.6	1.1																49	49	49	32						
4/ 3	4.5	1.1																41	41	41	48						
2/ 1	6.3	.4																49	49	51	47						
0/ -1	5.9	.8																49	49	48	42						
-2/ -3	5.9	.5																47	47	50	54						
-4/ -5	4.4	.3																34	34	32	34						
-6/ -7	3.1	.7																28	28	29	48						
-8/ -9	4.5	.3																35	35	35	36						
-10/-11	3.4	.7																30	30	29	21						
-12/-13	2.7																	20	20	22	31						
-14/-15	1.5	.5																15	15	13	20						
-16/-17	1.5																	11	11	13	23						
-18/-19	1.9																	14	14	14	27						
-20/-21	.3																	2	2	2	16						
-22/-23	.5	.1																5	5	4	7						
-24/-25	.1																	1	1	2	11						
-26/-27	.1																	1	1	1	7						
-28/-29																					5						
-30/-31																					3						
-34/-35																					1						
TOTAL	82.7	17.3																734	734	734	734						
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																					
Rel. Hum.	5016050	60372	82.3	8.293	734	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	99669	2605	3.5	11.107	734	37.0	93.0					93															
Wet Bulb	97786	2476	3.4	11.046	734	37.3	93.0					93															
Dew Point	111407	-537	-7.1	2.307	734	48.9	93.0					93															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

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YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. - T.)

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USAFETAC FORM 0.26-5 (OLA) REVISAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 245 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

UNCLASSIFIED USAFETAC/DS-81/040

SBIE-AD-E050 067

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

NE:V

PAGE 2 0000-0200
HOURS 11.00.00

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
28/ 27		.1																	1	1				
26/ 25		.3																	2	2	3			
24/ 23	.3	.1																	3	3	3			
22/ 21	.1	.4																	4	4	2			
20/ 19	.3	.3																	4	4	2			
18/ 17	.6	.6																	8	8	3			
16/ 15	1.0	1.8																	20	20	6			
14/ 13	1.1	.3																	10	10	8			
12/ 11	2.0	.4																	17	17	21			
10/ 9	.8	.4																	9	9	12			
8/ 7	1.5	.1																	12	12	9			
6/ 5	2.1	.3																	17	17	5			
4/ 3	1.4	.7																	15	15	13			
2/ 1	1.8	.1																	14	14	15			
0/ -1	1.7	.4																	15	15	10			
-2/ -3	2.1	.7																	20	20	17			
-4/ -5	3.2	1.3																	32	32	16			
-6/ -7	4.5	.7																	37	37	13			
-8/ -9	3.3	.6																	28	28	28			
-10/-11	6.7	.7																	53	53	28			
-12/-13	6.6	.6																	51	51	33			
-14/-15	8.5	.3																	63	63	32			
-16/-17	5.0	.3																	38	38	58			
-18/-19	8.5	.1																	62	62	48			
-20/-21	5.0																		36	36	47			
-22/-23	4.9	.1																	36	36	44			
-24/-25	4.9	.6																	39	39	40			
-26/-27	3.8	.6																	31	31	54			
-28/-29	2.9	.1																	22	22	26			
-30/-31	1.5	.1																	12	12	40			
-32/-33	.4																		3	3	31			
-34/-35	.4																		3	3	26			
-36/-37																				3		10		
-38/-39																						5		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

NOV
MONTH

PAGE 2 0300-0500
HOURS (U S T)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

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PAGE 1 0600-0800

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USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY:

<u>17901</u>	<u>RESOLUTE NWT DOT APT</u>
STATION	STATION NAME

57-66

YEARS

NOV
MONTH

PAGE 2 0600-0800
HOURS L. S. T.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WPT DOT APT
STATION STATION NAME

57-66

YEARS

NCM

MONTH

PAGE 1 0900-1100
HOURS [] S [] T []

HOURS: 11 - 5 - T.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DNT APT
STATION	STATION NAME

57-66

NGV
MONTH

PAGE 2 0900-1100
HOURS : L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE WYT DDT APT
STATION	STATION NAME

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YEARS

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MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
26/ 25	.2	.6																	4	5	7											
24/ 23	.3																		2	2	5									3		
22/ 21	.4	.6																	4	5	7									4		
20/ 19	.6	.4																	7	7	10									2		
18/ 17	.1	1.4																	11	11	5									4		
16/ 15	1.1	1.0																	15	15	18									6		
14/ 13	1.9	.7																	19	19	19									9		
12/ 11	.4																		3	3	6									18		
10/ 9	1.1	.3																	10	10	9									15		
8/ 7	.1																		1	1	1									6		
6/ 5	2.1																		15	15	16									9		
4/ 3	2.8	1.0																	27	27	24									2		
2/ 1	2.2	.7																	21	21	23									16		
0/ -1	1.9	.8																	20	20	19									13		
-2/ -3	3.1	.8																	28	28	26									16		
-4/ -5	3.1	.6																	26	26	28									22		
-6/ -7	2.2	.4																	19	19	20									32		
-8/ -9	5.1	.4																	40	40	40									16		
-10/-11	6.3	.7																	50	50	49									28		
-12/-13	5.3	.3																	40	40	42									32		
-14/-15	8.5	.3																	63	63	62									30		
-16/-17	7.1	.6																	55	55	55									45		
-18/-19	7.9	.4																	60	60	59									47		
-20/-21	5.8	.1																	43	43	44									52		
-22/-23	4.3	.4																	34	34	35									66		
-24/-25	4.7	.3																	36	36	36									45		
-26/-27	3.1	.3																	24	24	24									48		
-28/-29	2.8																		20	20	20									31		
-30/-31	1.5																		11	11	11									26		
-32/-33	.6	.3																	6	6	5									23		
-34/-35	.6																		4	4	5									21		
-36/-37																														19		
-38/-39																														6		
-40/-41																														4		
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X			
Rel. Hum.																																
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWY DOT APT
STATION	STATION NAME

57-66

YEARS

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MONTH

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WWT DOT APT
STATION STATION NAME

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YEARS

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MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
26/ 25	.1																	1	1	1					
24/ 23	.7																	5	5	5					
22/ 21	.8																	4	4	4	5				
20/ 19	.1	.8																7	7	6	4				
18/ 17	.3	1.1																10	10	4	2				
16/ 15	1.0	.7																12	12	17	4				
14/ 13	1.1	1.3																17	17	15	10				
12/ 11	1.2	.3																11	11	14	16				
10/ 9	.4																	3	3	4	18				
8/ 7	1.5	.3																13	13	12	6				
6/ 5	1.7	.6																16	16	15	4				
4/ 3	1.7	.6																16	16	16	10				
2/ 1	1.8	.8																19	19	16	10				
0/ -1	2.8	.4																23	23	27	20				
-2/ -3	2.6	.4																25	25	22	15				
-4/ -5	3.1	.8																28	28	29	19				
-6/ -7	3.3	.6																28	28	30	17				
-8/ -9	3.3																	24	24	25	30				
-10/-11	4.7	.7																39	39	37	24				
-12/-13	6.4	.6																50	50	51	33				
-14/-15	9.4	.8																74	74	73	16				
-16/-17	6.4	.7																51	51	50	46				
-18/-19	6.7	.3																50	50	52	56				
-20/-21	6.8	.7																54	54	52	57				
-22/-23	4.6																	33	33	36	48				
-24/-25	5.1																	37	37	37	56				
-26/-27	4.6	.1																34	34	34	44				
-28/-29	2.8																	20	20	20	38				
-30/-31	.7	.1																6	6	5	37				
-32/-33	1.0	.4																10	10	8	24				
-34/-35																				3	23				
-36/-37																					10				
-38/-39																					6				
-40/-41																					6				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F														
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWY OUT APT
STATION	STATION NAME

57-66

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DATA PROCESSING DIVISION
USAFETAC
AIR HEATER SERVICE/TAC

PSYCHROMETRIC SUMMARY

17901

RESOLUTE NWT DDT APT

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YEARS

17/19
MONTH

PAGE 1 1800-2000

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

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MONTH

PAGE 2 1800-2000

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-44/-45																							2														
-48/-49																							3														
TOTAL	4.0	16.0																	720	720	720	720															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4119087	54144	75.2	8.124	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	201922	-7904	-11.0	12.655	720	73.5	90.0					90
Wet Bulb	202249	-8019	-11.1	12.533	720	73.6	90.0					90
Dew Point	334782	-12026	-16.7	13.647	720	78.8	90.0					90

USAFETAC
FORM
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REPRODUCED FROM THE RECORDS OF THE FEDERAL BUREAU OF INVESTIGATION

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE INWT DOT APT
STATION

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MONTH

PAGE 1 2100-2300
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
24/ 23	.4																	3	3	3							
22/ 21	.4																	3	3	3	2						
20/ 19	.3	1.1																10	10	4	2						
18/ 17	1.0	.7																12	12	18	5						
16/ 15	.1	.3																3	3	1	7						
14/ 13	1.0	.8																13	13	12	12						
12/ 11	2.1	1.0																22	22	22	4						
10/ 9	.7	.4																7	7	9	17						
8/ 7	1.4	.1																11	11	11	13						
6/ 5	1.3	.6																13	13	12	9						
4/ 3	2.2	.6																20	20	18	11						
2/ 1	2.6	.1																20	20	23	14						
0/ -1	2.5	.3																20	20	20	11						
-2/ -3	3.2	1.0																30	30	27	24						
-4/ -5	2.2																	16	16	20	18						
-6/ -7	3.9	.4																31	31	29	15						
-8/ -9	4.7	.6																38	38	39	25						
-10/-11	5.1	.4																40	40	40	25						
-12/-13	5.6	1.0																47	47	44	29						
-14/-15	6.7	.3																50	50	53	37						
-16/-17	8.1	1.0																65	65	62	37						
-18/-19	6.0	.6																47	47	49	45						
-20/-21	5.3	.4																41	41	41	45						
-22/-23	5.6																	42	42	44	65						
-24/-25	7.1	.4																54	54	53	37						
-26/-27	3.2	.1																24	24	25	41						
-28/-29	1.7	.1																13	13	13	37						
-30/-31	.6																	4	4	4	55						
-32/-33	1.5	.4																14	14	13	28						
-34/-35	.8	.1																7	7	8	19						
-36/-37																					12						
-38/-39																					4						
-40/-41																					1						
-42/-43																					6						
Element (X)	Σ x'		Σ x		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NYT DDT APT
STATION ID STATION NAME

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YEARS

NDV
MONTH

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-44/-45																																				
-46/-47																																				
-48/-49																																				
TOTAL	7.4	12.9																720		720		720														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	4091250	53942	74.9	8.335	720							
Dry Bulb	203919	-7969	-11.1	12.686	720	72.9	90.0					90
Wet Bulb	204476	-8060	-11.2	12.606	720	73.0	90.0					90
Dew Point	341395	-12141	-16.9	13.787	720	78.0	90.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

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MON 14

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HOURS 11 5 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
10/ 9	.7																	5	5	5						
8/ 7	.1																	1	1	1	1					
6/ 5	.3																	2	2	2	3					
4/ 3	1.2	.1																9	9	9						
2/ 1	1.2																	8	8	9	2					
0/ -1	1.3	.1																10	10	9	9					
-2/ -3	3.8	.3																28	28	29	4					
-4/ -5	3.2	.4																39	39	37	9					
-6/ -7	3.8	.6																30	30	31	24					
-8/ -9	4.9	.4																37	37	37	22					
-10/-11	3.6	.4																28	28	28	29					
-12/-13	5.5	.4																41	41	39	31					
-14/-15	4.5	.7																36	36	37	35					
-16/-17	6.7	1.2																54	54	51	26					
-18/-19	6.1	.9																48	48	49	34					
-20/-21	5.9	.3																43	43	47	38					
-22/-23	7.2	.3																52	52	50	40					
-24/-25	7.7	.4																56	56	57	53					
-26/-27	6.8	.3																49	49	49	51					
-28/-29	4.5																	31	31	32	34					
-30/-31	5.6																	39	40	39	42					
-32/-33	2.6																	18	18	18	51					
-34/-35	3.9																	27	37	27	50					
-36/-37																			13		32					
-38/-39																			11		27					
-40/-41																			11		27					
-42/-43																			4		3					
-44/-45																			3		10					
-46/-47																					1					
-48/-49																					1					
TOTAL	73.1	6.9																691	744	691	691					

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3606495	49659	71.9	7.395	691	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	357119	-14131	-19.0	10.928	744	89.9	93.0					93
Wet Bulb	281511	-12165	-17.6	9.880	691	89.6	93.0					93
Dew Point	476822	-16528	-23.9	10.867	691	91.9	93.0					93

JSAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

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DEC

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HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																				
12/ 11	.3	.1																																																						
10/ 9	.4																																																							
8/ 7		.1																																																						
4/ 3	.0																																																							
2/ 1	1.3	.1																																																						
0/ -1	3.0	.4																																																						
-2/ -3	3.5	.4																																																						
-4/ -5	3.5	.9																																																						
-6/ -7	4.2	.6																																																						
-8/ -9	3.5	.3																																																						
-10/-11	4.8	1.0																																																						
-12/-13	4.5	.3																																																						
-14/-15	4.3	.6																																																						
-16/-17	5.6	.1																																																						
-18/-19	5.6	.3																																																						
-20/-21	9.4	.6																																																						
-22/-23	6.9	.9																																																						
-24/-25	7.4	.9																																																						
-26/-27	7.1	.1																																																						
-28/-29	4.0	.1																																																						
-30/-31	5.1	.1																																																						
-32/-33	5.1	.3																																																						
-34/-35	1.6																																																							
-36/-37																																																								
-38/-39																																																								
-40/-41																																																								
-42/-43																																																								
-44/-45																																																								
-46/-47																																																								
TOTAL	91.6	8.4																																																						
																					692		692		692																															
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total																																			
Rel. Hum.	3639207		49925		72.1		7.349		692		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																																								
Dry Bulb	356322		-14130		-19.0		10.881		744		90.4	93.0					93																																							
Wet Bulb	283049		-12225		-17.7		9.853		692		90.3	93.0					93																																							
Dew Point	476709		-16547		-23.9		10.830		692		91.9	93.0					93																																							

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT 001 APT
STATION	STATION NAME

57-66

DEC

PAGE 1 0600-0800
HOURS (11-5-7)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 9	.6																	4	4	4															
8/ 7	.3																	2	2	2	1														
6/ 5	.1	.1																2	2	2	5														
4/ 3	.3	.1																3	3	3															
2/ 1	1.9	.4																16	16	15	1														
0/ -1	3.4	.9																37	30	27	4														
-2/ -3	2.7	.6																23	23	23	10														
-4/ -5	3.7	.3																28	28	30	29														
-6/ -7	3.3	.9																29	29	28	19														
-8/ -9	2.6	.6																22	22	22	18														
-10/-11	5.3	.7																47	42	43	29														
-12/-13	4.8	.9																40	40	38	22														
-14/-15	4.7	.7																38	38	39	29														
-16/-17	5.0	.6																39	39	40	37														
-18/-19	6.9	.6																52	52	53	36														
-20/-21	7.3	.7																55	56	55	37														
-22/-23	8.2	.3																59	59	60	39														
-24/-25	5.7	.4																43	43	43	40														
-26/-27	5.7	.7																45	45	44	62														
-28/-29	4.9	.4																37	37	38	34														
-30/-31	4.9	.4																37	37	35	46														
-32/-33	5.5																	38	38	41	50														
-34/-35	1.7																	12	15	12	30														
-36/-37																			18		49														
-38/-39																			12		29														
-40/-41																			10		20														
-42/-43																					11														
-44/-45																			4		5														
-46/-47																					1														
-48/-49																					1														
-50/-51																					2														
TOTAL	49.7	10.3																697	744	697	696														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3653192	50120	72.0	7.955	696	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	350032	-13933	-18.7	10.951	744	89.6	93.0					93
Wet Bulb	283007	-12207	-17.5	9.973	697	89.5	93.0					93
Dew Point	479841	-16271	-23.8	11.079	696	92.1	93.0					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DOT APT
STATION

57-66

DEC
MONTH

PAGE 1 0900-1100
HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
10/-9	.1																	1	1	1												
8/-7	.4																	4	4	4												
6/-5	.4																	3	3	3	4											
4/-3	.3																	2	2	2	3											
2/-1	.9	.3																8	8	7												
0/-1	2.6	.6																22	22	22	4											
-2/-3	4.4	.7																36	36	35	4											
-4/-5	2.9	.6																24	24	24	20											
-6/-7	3.6	.7																30	30	27	27											
-8/-9	2.4	.4																20	20	23	23											
-10/-11	3.7	.9																32	32	31	22											
-12/-13	5.6	1.0																46	46	44	22											
-14/-15	6.0	.1																43	43	48	25											
-16/-17	7.2	.1																51	51	50	26											
-18/-19	6.2	1.0																50	50	45	45											
-20/-21	7.0	.9																55	55	59	44											
-22/-23	6.7	.4																50	50	51	49											
-24/-25	6.0																	42	42	43	45											
-26/-27	6.7	.1																48	48	48	47											
-28/-29	5.2	.3																38	38	38	36											
-30/-31	6.5																	45	45	45	43											
-32/-33	3.7	.3																28	30	27	46											
-34/-35	2.7																	19	23	20	48											
-36/-37																			18		38											
-38/-39																			14		32											
-40/-41																			6		24											
-42/-43																			1		11											
-44/-45																			2		5											
-48/-49																					1											
TOTAL	91.5	8.9																697	744	697	697											

Element (X)	Σ x'	Σ x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3670847	30269	72.1	8.072	697	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	353652	-14136	-19.0	10.700	744	90.8	93.0					93
Wet Bulb	287955	-12421	-17.8	9.782	697	90.7	93.0					93
Dew Point	485212	-16761	-24.0	10.871	697	91.9	93.0					93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

DEC

MONTH

PAGE 1 1200-1400
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOT:L	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
10/-9	.4																	3	3	3					
8/-7	.1																	1	1	1					
6/-5	.7																	5	5	5	4				
4/-3	.7																	5	5	5	1				
2/-1	1.2	.1																9	9	9	7				
0/-1	3.2																	22	22	22	2				
-2/-3	2.3	.1																17	17	17	4				
-4/-5	4.2	.3																31	31	31	23				
-6/-7	2.0	.7																23	23	21	16				
-8/-9	5.2																	34	36	39	15				
-10/-11	6.5	.3																47	47	45	22				
-12/-13	3.9	.9																33	33	33	35				
-14/-15	5.6	.4																42	42	44	37				
-16/-17	7.5	.3																54	54	53	27				
-18/-19	6.2	.4																46	46	47	37				
-20/-21	6.9	.9																54	54	51	50				
-22/-23	6.4	.9																50	50	51	45				
-24/-25	4.8	.4																36	36	36	48				
-26/-27	5.2	.3																38	38	39	37				
-28/-29	6.8	.1																48	48	49	39				
-30/-31	5.2	.1																37	37	37	42				
-32/-33	4.6	.3																34	36	34	42				
-34/-35	2.9																	20	27	20	42				
-36/-37																			17		36				
-38/-39																			11		40				
-40/-41																			12		19				
-42/-43																			3		10				
-44/-45																			1		10				
-48/-49																					1				
TOTAL	33.3	6.7																691	744	691	691				
																						691		691	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	3643992	49882	72.2	7.904	691	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	359263	-14219	-19.1	10.853	744	90.1	93.0					93													
Wet Bulb	284551	-12259	-17.7	9.859	691	89.9	93.0					93													
Dew Point	478809	-16359	-24.0	10.901	691	91.4	93.0					93													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DDT APT
STATION	STATION NAME

57-66

DEC
MONTH

PAGE 1 1500-1700
HOURS 11 - 5 - 11

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
10/ 3	.4																	3	3	3																
8/ 7	.0																	4	4	4																
6/ 5	.4	.1																4	4	4	4															
4/ 3	.3																	7	2	2	5															
2/ 1	1.1	.1																9	9	9	3															
0/ -1	2.3	.1																17	17	17	1															
-2/ -3	2.4	.7																22	22	19	6															
-4/ -5	3.2	.3																24	24	26	17															
-6/ -7	2.9	1.0																27	27	29	16															
-8/ -9	3.4	.6																28	28	29	13															
-10/-11	6.2	.3																45	45	46	24															
-12/-13	4.0	1.0																35	35	30	26															
-14/-15	6.8	.7																52	52	54	31															
-16/-17	7.8	.6																58	58	59	40															
-18/-19	6.9	.6																52	52	51	38															
-20/-21	6.3	.4																45	45	49	43															
-22/-23	7.8	.1																55	55	59	61															
-24/-25	4.3	1.0																37	37	34	45															
-26/-27	5.5																	38	38	41	52															
-28/-29	6.2	.1																44	44	44	36															
-30/-31	6.0	.3																44	44	43	31															
-32/-33	4.2	.1																30	30	30	43															
-34/-35	3.0																	21	29	22	47															
-36/-37																			12		45															
-38/-39																			19		24															
-40/-41																			7		22															
-42/-43																			4		13															
-44/-45																			2		6															
-46/-47																					2															
-48/-49																					1															
-52/-53																					1															
TOTAL	92.0	8.0																696	744	696	696															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3635895	50075	72.1	8.264	695	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	359129	-14287	-19.210	682	744	90.3	93.0					93
Wet Bulb	290167	-12507	-18.0	9.702	696	90.1	93.0					93
Dew Point	488671	-16863	-24.210	736	696	91.4	93.0					93

DATA PROCESSING DIVISION
USAF ETAL
AIR FIGHTER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

DEC

PAGE 1 1800-2000
HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

YEARS

DEC
MONTHPAGE 1 2100-2300
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
10/ 9	.9																	6	6	6					
8/ 7																					4				
6/ 5	.4																	3	3	3	2				
4/ 3	.6																	4	4	4					
2/ 1	1.3																	9	9	9	6				
0/ -1	2.3	.3																18	18	17	3				
-2/ -3	1.7	1.0																19	19	16	2				
-4/ -5	3.2	1.6																33	33	31	15				
-6/ -7	2.9	.9																26	26	29	17				
-8/ -9	3.9	.1																28	28	30	16				
-10/-11	5.0	.4																38	38	37	28				
-12/-13	5.2	.6																40	40	40	32				
-14/-15	5.6	.4																42	42	43	26				
-16/-17	6.2	.3																45	45	46	31				
-18/-19	7.0	.3																51	51	50	42				
-20/-21	6.2	1.1																51	51	49	44				
-22/-23	6.0	.4																45	45	48	44				
-24/-25	9.2	.1																65	65	65	47				
-26/-27	5.2	.1																37	37	37	50				
-28/-29	4.5	.6																35	35	35	34				
-30/-31	6.0	.1																43	43	44	53				
-32/-33	4.9	.3																36	36	35	40				
-34/-35	2.9	.3																22	33	21	39				
-36/-37																			11	2	42				
-38/-39																			15		36				
-40/-41																			3		21				
-42/-43																			3		13				
-44/-45																			2		6				
-46/-47																			3		1				
-48/-49																					2				
TOTAL	90.9	9.1																696	744	696	696				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3667431	50241	72.2	7.653	696	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	366041	-14411	-19.4	10.815	744	90.3	93.0					93
Wet Bulb	296800	-12634	-18.2	9.852	696	90.1	93.0					93
Dew Point	494174	-16971	-24.4	10.753	696	91.4	93.0					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17901 RESOLUTE NWT DOT APY

57-66

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN		-26.6	-25.8	-25.9	-13.1	10.8	29.5	37.4	35.2	23.2	4.3	-10.6	-19.0	2.3
	S D		12.208	11.741	10.747	11.326	10.417	6.356	4.790	4.529	7.957	11.162	12.881	10.928	25.678
	TOTAL OBS		620	564	620	600	682	660	682	681	660	734	720	744	7967
03-05	MEAN		-26.5	-26.0	-26.1	-14.0	10.4	29.3	37.0	34.9	22.9	4.2	-10.8	-19.0	2.0
	S D		12.398	11.703	10.857	11.497	10.520	6.288	4.704	4.455	8.048	11.282	12.839	10.881	25.627
	TOTAL OBS		620	564	620	600	682	660	682	679	659	734	720	744	7964
06-08	MEAN		-26.5	-25.9	-25.9	-13.2	11.7	30.2	38.0	35.8	23.0	4.0	-10.7	-18.7	2.5
	S D		12.450	11.763	10.667	11.596	10.153	6.481	5.355	4.836	8.066	11.263	12.920	10.951	25.910
	TOTAL OBS		620	564	620	600	682	660	682	682	660	734	719	744	7967
09-11	MEAN		-26.5	-25.8	-24.8	-10.7	13.8	31.5	39.8	37.4	24.0	4.1	-10.5	-19.0	3.4
	S D		12.171	11.782	10.484	11.354	9.777	6.452	6.125	5.268	8.106	11.204	12.885	10.700	26.314
	TOTAL OBS		620	563	620	600	682	660	682	682	660	734	720	744	7967
12-14	MEAN		-26.7	-25.9	-23.1	-8.4	13.6	32.7	40.9	38.6	24.8	4.5	-10.5	-19.1	4.2
	S D		12.023	11.893	10.358	11.106	9.305	6.341	6.262	5.646	8.174	11.145	12.790	10.853	26.587
	TOTAL OBS		618	564	620	600	682	660	682	682	660	734	720	744	7966
15-17	MEAN		-26.8	-26.0	-23.1	-7.7	16.2	33.0	41.1	38.9	24.7	3.9	-10.9	-19.2	4.3
	S D		12.081	11.846	10.581	10.996	8.883	6.254	6.234	5.814	8.264	11.314	12.685	10.682	26.695
	TOTAL OBS		617	564	620	600	681	660	682	682	660	734	720	744	7964
18-20	MEAN		-26.8	-26.1	-24.3	-9.2	13.2	32.4	40.5	38.0	23.7	3.7	-11.0	-19.2	3.7
	S D		11.994	11.636	10.809	11.163	9.033	6.240	6.134	5.419	8.387	11.226	12.655	10.681	26.542
	TOTAL OBS		620	564	620	600	682	660	682	682	660	734	720	744	7968
21-23	MEAN		-27.0	-26.1	-24.9	-11.5	13.2	31.2	38.9	36.3	22.9	3.5	-11.1	-19.4	2.8
	S D		12.149	11.593	10.744	11.383	9.740	6.170	5.486	4.914	8.150	11.107	12.686	10.815	26.118
	TOTAL OBS		620	563	620	600	681	660	682	682	660	734	720	744	7966
ALL HOURS	MEAN		-26.7	-26.0	-24.8	-11.0	13.4	31.2	39.2	36.9	23.6	4.0	-10.8	-19.1	3.2
	S D		12.173	11.737	10.709	11.335	9.963	6.465	5.861	5.326	8.172	11.210	12.787	10.807	26.199
	TOTAL OBS		4953	4510	4980	4800	5454	5280	5456	5452	5279	5872	5759	5952	63729

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17901 RESOLUTE MNT DGT APT

57-66

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02			MEAN -22.1	MEAN -22.0	MEAN -22.9	MEAN -12.6	MEAN 10.4	MEAN 28.4	MEAN 35.9	MEAN 34.5	MEAN 22.7	MEAN 4.1	MEAN -10.7	MEAN -17.6	MEAN 4.4
			S D 10.064	S D 9.932	S D 9.583	S D 10.692	S D 10.316	S D 5.866	S D 3.867	S D 4.151	S D 7.909	S D 11.118	S D 12.760	S D 9.880	S D 23.757
			TOTAL OBS 409	TOTAL OBS 444	TOTAL OBS 501	TOTAL OBS 586	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 681	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 719	TOTAL OBS 691	TOTAL OBS 7509
03-05			MEAN -21.9	MEAN -21.9	MEAN -22.9	MEAN -13.4	MEAN 10.0	MEAN 28.2	MEAN 35.6	MEAN 34.2	MEAN 22.5	MEAN 4.0	MEAN -10.8	MEAN -17.7	MEAN 4.2
			S D 10.265	S D 9.956	S D 9.709	S D 10.860	S D 10.392	S D 5.793	S D 3.841	S D 4.140	S D 7.967	S D 11.226	S D 12.650	S D 9.853	S D 23.689
			TOTAL OBS 470	TOTAL OBS 435	TOTAL OBS 494	TOTAL OBS 583	TOTAL OBS 682	TOTAL OBS 659	TOTAL OBS 682	TOTAL OBS 679	TOTAL OBS 659	TOTAL OBS 734	TOTAL OBS 717	TOTAL OBS 692	TOTAL OBS 7486
06-08			MEAN -21.7	MEAN -22.0	MEAN -23.0	MEAN -12.8	MEAN 11.2	MEAN 29.0	MEAN 36.4	MEAN 34.9	MEAN 22.5	MEAN 3.8	MEAN -10.8	MEAN -17.5	MEAN 4.6
			S D 10.265	S D 10.100	S D 9.576	S D 10.968	S D 10.016	S D 5.863	S D 4.143	S D 4.340	S D 7.948	S D 11.199	S D 12.745	S D 9.973	S D 23.934
			TOTAL OBS 465	TOTAL OBS 436	TOTAL OBS 505	TOTAL OBS 586	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 717	TOTAL OBS 697	TOTAL OBS 7506
09-11			MEAN -22.2	MEAN -22.0	MEAN -22.6	MEAN -10.5	MEAN 13.2	MEAN 30.0	MEAN 37.7	MEAN 36.1	MEAN 23.3	MEAN 4.0	MEAN -10.7	MEAN -17.8	MEAN 5.1
			S D 10.036	S D 9.994	S D 9.470	S D 11.048	S D 9.642	S D 5.722	S D 4.554	S D 4.543	S D 7.924	S D 11.160	S D 12.744	S D 9.782	S D 24.322
			TOTAL OBS 479	TOTAL OBS 441	TOTAL OBS 532	TOTAL OBS 592	TOTAL OBS 681	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 720	TOTAL OBS 697	TOTAL OBS 7560
12-14			MEAN -22.6	MEAN -21.9	MEAN -21.6	MEAN -8.5	MEAN 15.0	MEAN 31.0	MEAN 38.4	MEAN 37.0	MEAN 24.0	MEAN 4.3	MEAN -10.6	MEAN -17.7	MEAN 5.7
			S D 9.860	S D 10.168	S D 9.535	S D 10.852	S D 9.180	S D 5.534	S D 4.507	S D 4.631	S D 7.938	S D 11.070	S D 12.668	S D 9.859	S D 24.546
			TOTAL OBS 482	TOTAL OBS 439	TOTAL OBS 563	TOTAL OBS 598	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 720	TOTAL OBS 691	TOTAL OBS 7593
15-17			MEAN -22.5	MEAN -21.9	MEAN -21.6	MEAN -7.9	MEAN 15.6	MEAN 31.3	MEAN 38.6	MEAN 37.2	MEAN 24.0	MEAN 3.7	MEAN -11.0	MEAN -18.0	MEAN 5.8
			S D 9.937	S D 10.051	S D 9.776	S D 10.869	S D 8.741	S D 5.444	S D 4.451	S D 4.702	S D 8.003	S D 11.248	S D 12.585	S D 9.702	S D 24.607
			TOTAL OBS 472	TOTAL OBS 435	TOTAL OBS 564	TOTAL OBS 600	TOTAL OBS 681	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 720	TOTAL OBS 696	TOTAL OBS 7586
18-20			MEAN -22.5	MEAN -22.1	MEAN -22.1	MEAN -9.2	MEAN 14.6	MEAN 30.9	MEAN 38.2	MEAN 36.5	MEAN 23.1	MEAN 3.5	MEAN -11.1	MEAN -18.0	MEAN 5.4
			S D 9.890	S D 9.764	S D 9.796	S D 10.870	S D 8.908	S D 5.461	S D 4.422	S D 4.611	S D 8.207	S D 11.165	S D 12.593	S D 9.696	S D 24.465
			TOTAL OBS 471	TOTAL OBS 438	TOTAL OBS 537	TOTAL OBS 596	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 681	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 720	TOTAL OBS 694	TOTAL OBS 7555
21-23			MEAN -22.1	MEAN -21.9	MEAN -22.3	MEAN -11.2	MEAN 12.7	MEAN 29.9	MEAN 37.1	MEAN 35.3	MEAN 22.4	MEAN 3.4	MEAN -11.2	MEAN -18.2	MEAN 4.9
			S D 10.022	S D 9.733	S D 9.358	S D 10.880	S D 9.653	S D 5.541	S D 4.215	S D 4.397	S D 8.029	S D 11.046	S D 12.606	S D 9.852	S D 24.078
			TOTAL OBS 454	TOTAL OBS 430	TOTAL OBS 517	TOTAL OBS 590	TOTAL OBS 681	TOTAL OBS 660	TOTAL OBS 682	TOTAL OBS 682	TOTAL OBS 660	TOTAL OBS 734	TOTAL OBS 720	TOTAL OBS 696	TOTAL OBS 7506
ALL HOURS			MEAN -22.2	MEAN -22.0	MEAN -22.3	MEAN -10.8	MEAN 12.8	MEAN 29.8	MEAN 37.2	MEAN 35.7	MEAN 23.0	MEAN 3.8	MEAN -10.9	MEAN -17.8	MEAN 5.0
			S D 10.037	S D 9.954	S D 9.634	S D 11.046	S D 9.827	S D 5.766	S D 4.393	S D 4.573	S D 8.010	S D 11.151	S D 12.655	S D 9.821	S D 24.184
			TOTAL OBS 3762	TOTAL OBS 3498	TOTAL OBS 4213	TOTAL OBS 4731	TOTAL OBS 5453	TOTAL OBS 5279	TOTAL OBS 5456	TOTAL OBS 5451	TOTAL OBS 5279	TOTAL OBS 5872	TOTAL OBS 5753	TOTAL OBS 5554	TOTAL OBS 60301

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17901 RESOLUTE HWY DOT APT

57-66

STATION		STATION NAME												YEARS	
HRS. LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	-29.1	-28.7	-29.6	-18.8	6.2	26.0	34.0	33.3	20.4	.2	-16.3	-23.9	.1	
	S.D.	11.484	11.226	11.021	11.724	11.628	6.242	3.413	4.129	8.982	12.223	13.904	10.467	25.989	
	TOTAL OBS.	469	444	500	586	682	660	682	682	660	734	719	691	7509	
03-05	MEAN	-28.8	-28.7	-29.6	-19.7	5.8	25.9	33.8	33.1	20.2	.0	-16.3	-23.9	-.1	
	S.D.	11.518	11.298	11.222	11.935	11.721	6.181	3.389	4.172	9.010	12.417	13.890	10.830	25.921	
	TOTAL OBS.	470	435	492	583	682	659	682	679	659	734	717	692	7484	
06-08	MEAN	-28.7	-28.7	-29.6	-19.2	7.0	26.5	34.3	33.6	20.1	-.1	-16.3	-23.8	.2	
	S.D.	11.742	11.470	11.088	12.092	11.370	6.091	3.395	4.246	8.993	12.423	13.744	11.079	26.110	
	TOTAL OBS.	465	436	504	586	682	660	682	682	660	734	717	696	7504	
09-11	MEAN	-29.0	-28.7	-29.5	-16.7	9.1	27.4	35.2	34.4	20.9	.0	-16.2	-24.0	.7	
	S.D.	11.346	11.266	10.905	12.198	11.039	5.768	3.622	4.380	8.898	12.431	13.807	10.871	26.357	
	TOTAL OBS.	479	441	532	592	681	660	682	682	660	734	720	697	7460	
12-14	MEAN	-29.4	-29.0	-28.5	-14.7	11.0	28.2	35.5	35.0	21.6	.4	-16.1	-24.0	1.2	
	S.D.	11.146	11.671	11.091	11.955	10.600	5.438	3.562	4.349	8.874	12.206	13.717	10.901	26.489	
	TOTAL OBS.	482	439	563	598	682	660	682	682	660	734	720	691	7593	
15-17	MEAN	-29.2	-28.7	-28.5	-14.0	11.7	28.6	35.6	35.0	21.5	-.2	-16.5	-24.2	1.3	
	S.D.	11.311	11.560	11.151	11.961	10.071	5.282	3.507	4.297	8.884	12.382	13.592	10.736	26.499	
	TOTAL OBS.	472	435	564	600	681	660	682	682	660	734	720	696	7586	
18-20	MEAN	-29.2	-29.0	-28.9	-15.4	10.7	28.2	35.4	34.5	20.6	-.5	-16.7	-24.2	.9	
	S.D.	11.167	11.162	11.178	12.037	10.290	5.459	3.502	4.464	9.258	12.373	13.647	10.777	26.421	
	TOTAL OBS.	471	438	535	596	682	660	682	681	650	734	720	694	7553	
21-23	MEAN	-28.8	-28.8	-28.9	-17.6	8.6	27.5	34.8	33.8	20.0	-.7	-16.9	-24.4	.5	
	S.D.	11.348	11.202	10.948	12.037	11.056	5.658	3.493	4.391	9.119	12.307	13.787	10.753	26.191	
	TOTAL OBS.	454	430	516	590	681	660	682	682	660	734	720	696	7505	
ALL HOURS	MEAN	-29.0	-28.8	-29.1	-17.0	8.8	27.3	34.8	34.1	20.7	-.1	-16.4	-24.1	.6	
	S.D.	11.374	11.348	11.054	12.157	11.183	5.853	3.545	4.361	9.015	12.343	13.730	10.847	26.252	
	TOTAL OBS.	3762	3498	4206	4731	5453	5279	5456	5452	5279	5872	5753	5553	60294	

RELATIVE HUMIDITY

STATISTICAL

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0-1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	3-4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	5-6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	7-8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	9-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	11-12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	13-14	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	15-16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	17-18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	19-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21-22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	23-24	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Jan.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Feb.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Mar.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Apr.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
May	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
June	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
July	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Aug.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Sept.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Oct.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Nov.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
Dec.	160.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	100
TOTALS	1600.0	100.0	100.0	100.0	100.0	99.0	96.0	90.0	80.0	60.0	30.0	1000

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	6-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	11-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	16-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	21-25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	26-30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	31	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	32	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	33	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	34	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	35	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	36	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	37	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	38	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	39	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	41	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	42	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	43	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	44	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	45	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	46	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	47	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	48	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	49	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	51	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	52	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	53	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	54	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	55	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	56	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	57	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	58	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	59	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	61	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	62	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	63	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	64	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	67	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	68	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	69	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	71	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	72	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	73	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	74	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	75	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	76	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	77	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	78	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	79	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	81	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	82	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	83	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	84	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	85	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	86	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	91	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	92	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	93	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	94	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	95	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	96	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	97	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	98	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	99	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	92.6	87.5	80.6	71.1	94.0

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Jan	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Feb	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Mar	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Apr	100	100.0	100.0	100.0	99.0	98.0	96.0	94.0	92.0	90.0	89.0	100
May	100	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	92.0	91.0	100
Jun	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Jul	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Aug	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Sep	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Oct	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Nov	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
Dec	100	100.0	100.0	100.0	100.0	100.0	99.0	98.0	96.0	94.0	93.0	100
TOTALS		100.0	100.0	100.0	100.0	99.0	99.0	98.0	96.0	94.0	93.0	5000

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
	01	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	5400
	02	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	5400
	03	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	04	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	05	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	06	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	07	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	08	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	09	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	10	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	11	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	12	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	13	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	14	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	15	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	16	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	17	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	18	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	19	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	20	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	21	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	22	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	23	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	24	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

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RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0-1	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	10
	2-3	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	10
	4-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	6-7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	8-9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	10-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	12-13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	14-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	16-17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	18-19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	20-21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	22-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	10
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	545

USAF ETAC

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JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	6-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	11-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	16-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21-25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	26-30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	31-35	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	36-40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	41-45	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	46-50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	51-55	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	56-60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	61-65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	66-70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	71-75	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	76-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	81-85	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	86-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91-95	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	96-100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	98.6	97.2	92.1	86.1	82.2

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	14	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	24	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	100.0	100.0	92.6	96.3	76.5	21.1	4.0	100.0	51.0

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

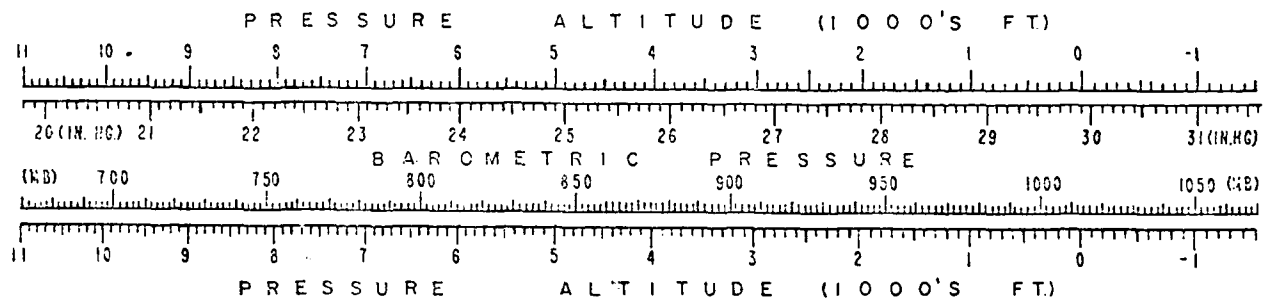
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

17901 ESQUETE NWT DDT APT

57-66

STATION NAME

YEARS

		AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN	29.58829.72029.89729.83829.83329.70229.64129.64829.60829.59929.70229.669	29.588	29.720	29.897	29.838	29.833	29.702	29.641	29.648	29.608	29.599	29.702	29.669	29.712
	S.D.	.367	.378	.309	.276	.242	.202	.208	.216	.226	.236	.273	.298	.289	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652	
03	MEAN	29.69229.72529.90229.84229.83429.70429.64429.65229.61029.60329.70729.674	29.692	29.725	29.902	29.842	29.834	29.704	29.644	29.652	29.610	29.603	29.707	29.674	29.716
	S.D.	.368	.377	.307	.276	.246	.202	.208	.217	.227	.238	.272	.303	.290	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652	
06	MEAN	29.69329.72629.90229.84429.83529.70329.64729.65629.61429.60329.70629.673	29.693	29.726	29.902	29.844	29.835	29.703	29.647	29.656	29.614	29.603	29.706	29.673	29.717
	S.D.	.369	.377	.308	.278	.249	.203	.208	.217	.228	.238	.272	.305	.291	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3651	
09	MEAN	29.68829.72529.89729.84229.83029.70229.64129.65229.60929.59929.70229.670	29.688	29.725	29.897	29.842	29.830	29.702	29.641	29.652	29.609	29.599	29.702	29.670	29.713
	S.D.	.369	.376	.311	.278	.251	.202	.207	.215	.228	.238	.272	.305	.291	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652	
12	MEAN	29.68429.72529.89429.84029.82929.69929.63929.65129.60829.60029.70229.669	29.684	29.725	29.894	29.840	29.829	29.699	29.639	29.651	29.608	29.600	29.702	29.669	29.712
	S.D.	.372	.377	.313	.278	.250	.200	.206	.214	.226	.238	.272	.303	.291	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652	
15	MEAN	29.69129.73529.90129.84729.83329.70329.64329.65329.61429.60929.70929.679	29.691	29.735	29.901	29.847	29.833	29.703	29.643	29.653	29.614	29.609	29.709	29.679	29.718
	S.D.	.373	.375	.309	.276	.248	.198	.206	.214	.227	.238	.272	.301	.289	
	TOTAL OBS.	309	282	310	299	310	300	310	310	300	310	300	310	3650	
18	MEAN	29.69629.74129.90529.84929.83529.70629.64329.65529.61729.61129.70929.681	29.696	29.741	29.905	29.849	29.835	29.706	29.643	29.655	29.617	29.611	29.709	29.681	29.720
	S.D.	.372	.378	.306	.275	.247	.197	.206	.213	.226	.238	.273	.299	.289	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652	
21	MEAN	29.69129.73529.90229.84729.82929.70229.63929.65329.61229.60329.70229.673	29.691	29.735	29.902	29.847	29.829	29.702	29.639	29.653	29.612	29.603	29.702	29.673	29.716
	S.D.	.372	.377	.305	.273	.245	.198	.206	.214	.226	.239	.274	.298	.289	
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652	
A. HOURS	MEAN	29.69029.72929.90029.84429.83229.70329.64229.65229.61129.60329.70329.674	29.690	29.729	29.900	29.844	29.832	29.703	29.642	29.652	29.611	29.603	29.703	29.674	29.715
	S.D.	.369	.376	.308	.276	.247	.200	.207	.215	.226	.238	.272	.301	.290	
	TOTAL OBS.	2479	2256	2480	2399	2480	2400	2480	2480	2400	2480	2399	2480	29213	

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

57-66

STATION		STATION NAME												YEARS											
HRS. LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00	MEAN	1014.31015.41021.41019.21018.81014.11011.91012.21010.91010.81014.31013.5	1014.7																						
	S D	12.51812.93110.522 9.384 8.304 6.902 7.095 7.365 7.742 8.052 9.31510.211	9.919																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652																						
03	MEAN	1014.41015.51021.61019.31018.81014.11012.01012.31011.01010.91014.71013.7	1014.9																						
	S D	12.54112.91010.471 9.416 8.425 6.928 7.086 7.392 7.762 8.147 9.26210.354	9.944																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652																						
06	MEAN	1014.41015.61021.51019.41018.81014.21012.11012.41011.11010.91014.71013.6	1014.9																						
	S D	12.58812.89710.507 9.486 8.525 6.946 7.098 7.386 7.799 8.170 9.27610.425	9.971																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 299 310	3651																						
09	MEAN	1014.31015.51021.41019.31018.71014.11011.91012.31010.91010.81014.31013.5	1014.8																						
	S D	12.58012.85810.592 9.479 8.593 6.917 7.073 7.357 7.808 8.148 9.26510.422	9.974																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652																						
12	MEAN	1014.11015.31021.31019.31018.81014.01011.81012.21010.91010.91014.31013.5	1014.7																						
	S D	12.67412.86910.643 9.488 8.577 6.846 7.034 7.319 7.748 8.149 9.25510.377	9.963																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652																						
15	MEAN	1014.41015.91021.51019.51018.71014.21012.01012.31011.11011.11014.81013.8	1014.9																						
	S D	12.71512.82110.542 9.411 8.504 6.781 7.007 7.300 7.743 8.161 9.26210.291	9.931																						
	TOTAL OBS	309 282 310 300 310 300 310 310 300 310 300 310	3651																						
18	MEAN	1014.31016.11021.61019.51018.81014.21012.01012.41011.21011.21014.81013.9	1015.0																						
	S D	12.67712.85210.437 9.362 8.449 6.737 7.000 7.290 7.714 8.154 9.31210.250	9.913																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652																						
21	MEAN	1014.41015.91021.61019.51018.61014.11011.91012.31011.11011.01014.31013.7	1014.9																						
	S D	12.67712.87310.395 9.328 8.396 6.763 7.030 7.288 7.712 8.135 9.34010.195	9.911																						
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652																						
ALL HOURS	MEAN	1014.31015.71021.51019.41018.71014.11011.91012.31011.01011.01014.61013.7	1014.8																						
	S D	12.60412.85910.500 9.406 8.460 6.844 7.043 7.327 7.743 8.129 9.27310.302	9.940																						
	TOTAL OBS	2479 2256 2480 2400 2480 2400 2480 2480 2400 2480 2399 2480	29214																						

END

DATE
FILMED

7-81

DTIC